

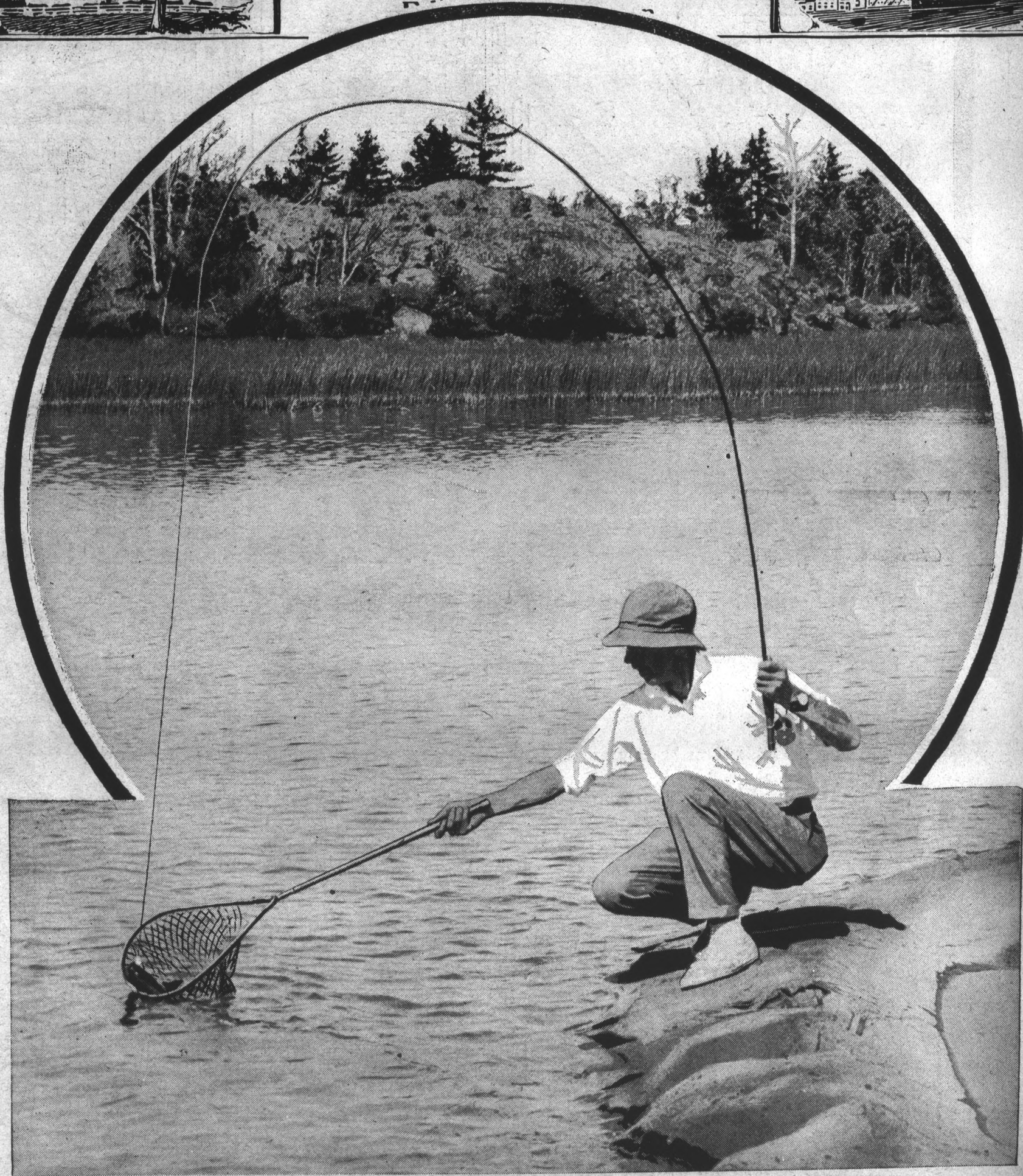
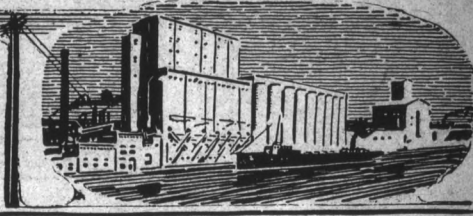
VOL. XV, No. 25

AUGUST 18, 1928

# *The Michigan* BUSINESS FARMER



*An Independent  
Farm Magazine Owned and*



ONE THAT DIDN'T GET AWAY

**In this issue: "Slim Chance of Winning on 'Games of Chance'"—"Michigan Fruit Men Spend Two Days Touring Ontario, Canada"—"Farmers Service Bureau"—"Thru Our Home Folks' Kodaks"—  
Broadscope Man Tells of His 24 Hour Vacation—"Chatting With the Agricultural Teacher"—And Other Features**





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EDITED IN  
MICHIGAN

Published Bi-Weekly at  
Mt. Clemens, Michigan

"How to the line, let the chips fall where they may"

# The Michigan BUSINESS FARMER

Title Registered U. S. Patent Office

SATURDAY, AUGUST 18, 1928

GEORGE M. SLOCUM  
Publisher  
MILON GRINNELL  
Editor

Entered as 2nd class matter,  
Aug. 22, 1917, at Mt. Clemens,  
Mich., under act Mar. 3, 1879.

## Slim Chance Of Winning On "Games Of Chance"

Manufacturer's Confidential Catalog Indicates Games Can Be Kept Under Operator's Control

By ARCHER P. WHALLON

THE little boy wins a ham—or perhaps it is the young lady wins the gold watch—a fact shrieked and yelled in lusty lunged reiteration. You recognize at once that we are at the fair and are watching the concession stands on the midway. Possibly the little boy and the young lady win all fair enough, for it may be a fair or "grinding" percentage concession, in the vernacular of the trade, a "grinding stone" where the many lose that one or a few may win and the proprietor always makes a profit.

But we have our doubts, for the fair concession business is highly professionalized and industrialized, several concerns making equipment for the trade. According to the catalogs of these concerns, one of which is before me, and whose wishes I will not respect—as the booklet is marked "private and confidential"—the games are not so fair as they might be, but are under the control of the operator at all times.

Of course the makers do not call their games crooked—far from it, the more flattering and polite word "protected" is used, but as the concern also boasts of being the leading maker of filled dice, marked cards, slick aces, holdouts, and a full line of casino supplies—the uninitiated stands about as much chance of winning, unless it is with the operator's consent, as he does in an argument with a mother-in-law.

### The Spindle Game

Here is the spindle game in which a revolving arrow finally comes to rest at the winning peg. Simple—evidently a fair game of chance if there ever was one—but let the makers continue. "The Magic Pointer is the latest thing in a controlled spindle. It is unpretentious in appearance, seemingly home made \* \* \* can be hooked up fair in a moment's notice \* \* \* for either grind or "strong" workers. The arrow is un-

THERE is enough sporting blood in most of us so that we enjoy playing a game as long as there is a chance to win, but when the cards are all stacked against us we are through. If you are one of the folks who have a weakness for the games of chance along the fair midway you should read this article by Archer P. Whallon. It contains some information that may be an eye-opener to you and cause you to swear off playing them.—Editor.

der the operator's control at all times." The more ornate Bicycle Wheel spindle is like it, for "it operates on the principle of the Camel Back and has a good creep, though it can be operated perfectly fair without the creep"—as we may be pardoned the suggestion, in the presence of fair officials or before policemen. About the same comment might be made apropos of the rolling log game. "The outfit consists of one maple tray 14x8 inches, eight imitation leather pads, and two finished maple logs. One log is numbered 1 to 8 on the eight sides, and is perfectly fair, the other log is numbered 30-50-100, with four 30's, three 50's, and one 100. This log is so made that it will bring up one of the 30's every time, but by changing it end for end one of the 50's or 100 will show. Any one who has operated a percentage laydown will appreciate the advantage of being able to throw out a big one at the right time." Of course, this advantage costs the operator a little something as "fair logs" are listed at \$1.50 while "gaff logs" at \$4.00. A still greater spread lies between the fair and controlled put and take tops. The fair one is priced at but a dollar, but obviously is of but little worth in comparison with its counterpart costing ten or fifteen times as much and which is so made

that "the operator can spin it in such a manner that he will spin a Take every time while the uninitiated will spin Put."

### Percentage Games

The fact is that nearly if not all the pitchmen and percentage games, the so-called games of "science and skill" as well as the avowed games of chance may be worked "strong" as well as fair. Though the operator may demonstrate them, showing how easy it is to win, he can follow the demonstration with a slight change in the apparatus, unnoticed by his victim, that makes winning very difficult if not impossible. Such is the case with the Pop-It-In game in which the player endeavors to throw balls in pockets in a rack. "When the rack is placed at a sharp angle the balls will not go into the pockets, but as it is brought to a more horizontal position it becomes less difficult." The operator merely demonstrates his game, allows some winning, probably by a confederate, for advertising purposes, then unobtrusively changes the position of his rack to do business with the poor hicks who are anxious to part with their money. High strikes, pitch rack games, and the several ball and pin games are subject to control manipulation, "can be worked strong." In the Cat Rack outfit "the cats are under the opera-

tor's control at all times, yet can be demonstrated to the players as they are not weighted." Possibly these worthy concession men deserve protection as well as do their more aristocratic brethren who handle the roulette wheel, the hyronemous tub, the percentage dice that are made for banking and fading or are strong on craps, and the Gates, Keplinger, and Sullivan holdouts, the Jacob's ladder, and the pants band machines—that cost their operators from fifty to a hundred and fifty dollars, but with which "live wires who have had experience with tools of this kind should make good money."

### Barnum Was Right

These concessions do indeed furnish a picturesque and colorful element to the fair grounds. They would be missed by multitudes. To explain all the reasons for their existence would lead us far astray in psychological digression concerning the lure of gambling—possibly even to an argument for its value as a stimulator and conservator of courage in a commonplace and humdrum world. But to a farmer who gets all the gambling thrill he needs from weather and market, it would seem that these people might better be put to some useful work for their living building good roads for that matter, and the money which they take in, and for which they give nothing in return, given to the Salvation Army. These protected games are not games of chance—but of no-chance—merely evidences of the truth of Barnum's assertion that people like to humbugged. But when I read in a fair catalog that "positively no crooked games are allowed on the grounds" and I then see the whirling spindle, the rattling chuck-luck dice, and the tumbling gaff log—I wonder if the members of the fair board do not exemplify the proverbial innocence of farmers.

## Michigan Fruit Men Spend Two Days Touring Ontario, Canada

By HERBERT NAFZIGER

Fruit and Orchard Editor, THE BUSINESS FARMER

ON August 3 and 4 a motor caravan was seen to wend its way through a land of fertile fields and hospitable folks. It was the annual tour of the Michigan State Horticultural Society, which was this year staged in Ontario, Canada.



Herbert Nafziger

The tour started from Windsor down a fine concrete highway which stretched across the Province with hardly a break. Fine fields of alfalfa, clover, and small grain bordered the highway, near Windsor, but corn-fields were noticeably scarce. Corn-borer! Many sweet clover fields were seen, which residents informed us were being cut for seed, used for pasture and hay, and put into the silo. Natural gas and electric power are plentiful and cheap and every farmer seems to be making use of both. The gas is used for cooking and heating and the electricity for lights and power. One gentleman showed us his last month's gas bill for his house and a small lunch room. The bill for the two totaled \$3.30.

The caravan's first stop was at Jack Miner's bird sanctuary, near Kingsville. It costs nearly six thou-

sand dollars each year to feed the wild birds which flock to this place. Part of the cost is met by bird lovers and the provincial government. The balance is raised by Mr. Miner through his lecture tours. Mr. Miner is not a millionaire. His means are modest, but he is a bird enthusiast. He is the originator of the sanctuary idea and is said to be the first man to trap and tag wild Canadian geese to study their route of migration. Countless thousands of wild geese and whistling swans make this their stopping place during the annual migration. April 1 to 20 was said to be the best time to see these birds. A number of them, some crippled, make the place their permanent home. Mr. Miner is also interested in forestry and has some very fine experimental blocks of Scotch pine, white pine, and maple. Some red cedar has been planted, because of the blue berries which it bears. These berries provide food for over-wintering robins.

Then came a 150 mile drive to Simcoe. Near Leamington many fields of truck crops and tobacco were passed. Tobacco seemed to be the chief crop in the sandy loam soil and many farms had their row of curing houses. Rather handy to be able to "o out to the shed for a first-

ful of "Plow Boy" when the supply runs low!

At Simcoe the Michigan men visited the apple and cherry farm of W. C. Everett. Sour cherry picking was going on. The cherries were being marketed at a stand at a price of \$1.50 per eleven quart basket. Twenty-three acres of apples were inspected. The varieties were mainly Spy and McIntosh. The Spy crop was especially good. Trees were planted 35 feet apart. Cultivation is started early and continues until June 18, when a cover-crop of soy beans is sown. The trees are sprayed only four times but the apples were very clean, though the McIntosh and the Baldwins showed considerable russetting. The fact that Bordeaux had been used almost entirely would seem to account for this. Barnyard manure and acid phosphate are used as fertilizers and the weaker trees trated of soda. The apples are all marketed through a cooperative association, and the bulk of the co-op's output is sold in Canada.

### Second Day

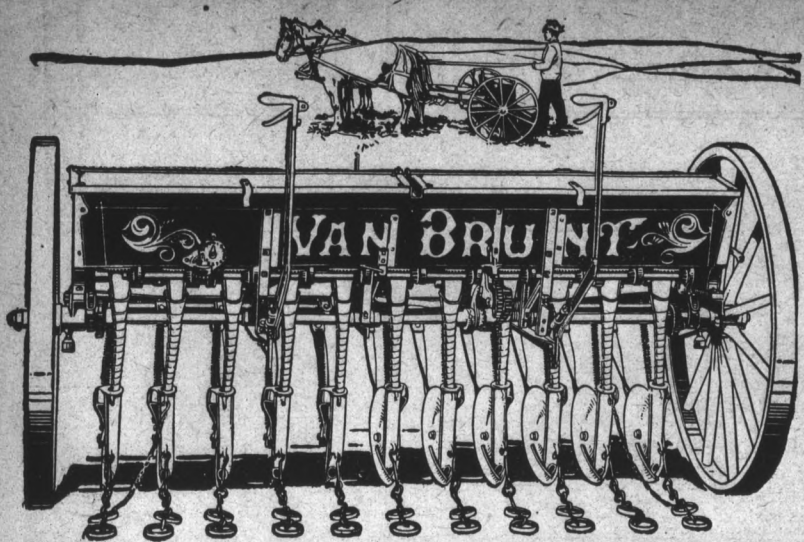
On the morning of the second day the motoring Michiganders started from Hamilton and drove up to the heights, near the city, known as "The Mountain," from which a beautiful view was obtained of the city and the

closely planted fruit district bordering on Lake Ontario. The first orchard stop was at the H. E. Maycock orchard. Here were seen one hundred acres of young bearing apple trees planted 15½ feet apart. Fillers and permanents were all of the same varieties in the various blocks. The varieties were mainly Wealthy, McIntosh, Jonathan, and Spy. The crop was very light and we were informed that the late apple crop is light throughout eastern Canada. A new red early apple called Crimson Beauty was seen bearing fruit. It was said to rank with Transparent in earliness, and to color evenly. Eating quality was said to be ordinary but cooking quality good. Twenty acres of McIntosh were seen in a solid block. These trees blossomed full this season but set no fruit. Frost was not a factor. Did you say pollination? Most of the Canadian farmers whom we interviewed complained of excessive rainfall. During the month of June it is said to have rained almost every day, and July was evidently not much better.

The next stop was at the nursery and preserving factory of Senator E. D. Smith and Sons. The Senator welcomed the tourists with a very pleasant talk in which he mentioned the state of friendship and common interest which existed between the two countries. There was a total lack of a feeling of foreignness between the

(Continued on Page 20)





## Sow Fertilizer and Seed in One Operation

Sowing fertilizer at planting time has many advantages. In the first place, it stores plant food in the soil so the crop will have the benefit of it right from the start. It keeps the crops humping through the growing season and hastens maturity. It cuts down the cost of production, saving time, money and labor.

### THE JOHN DEERE-VAN BRUNT FERTILIZER GRAIN DRILL

actually does four important jobs in one trip over the field: It plants the seed in even streams at uniform depth; deposits the fertilizer in any quantity from 65 to 1250 pounds per acre, and to best advantage; pulverizes the soil and mixes it with the fertilizer, and cov-

ers both seed and fertilizer. Fields planted with a John Deere-Van Brunt Drill have no waste spaces; the crops mature evenly and ripen evenly. No seed is wasted. All of the seed is planted at the same depth, at the bottom of uniform furrows.

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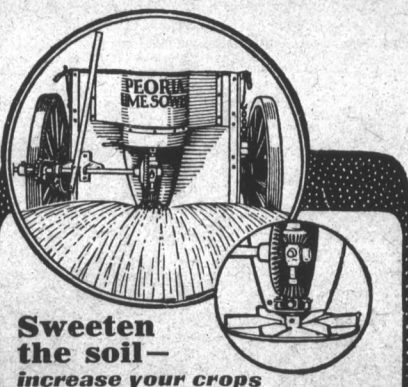
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**Sweeten the soil—  
increase your crops**

Sour soil means small returns. Sow lime and make your land increase your crops—liming pays big dividends.

The Peoria Wagon Fertilizer sows damp or dry lime. Uniform 18 ft. spread. Force feed. No windage waste—no clogging. Does double the work of wheel seeder—costs much less. Attaches to wagon without removing endgate—strengthens wagon box. No high lifting. No cleaning or repair of cleats to attach. Half the gears and sprockets. Capacity 100 to 10,000 pounds. Fully guaranteed. Low in price.

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**PEORIA DRILL & SEEDER CO.**  
3094 N. Perry Ave., Peoria, Ill.

## Farmers Service Bureau

(A Clearing Department for farmers' every day troubles. Prompt careful attention given to all complaints or requests for information addressed to this department. We are here to serve you. All inquiries must be accompanied by full name and address. Name not used if so requested.)

### VICE PRESIDENT BECOMES PRESIDENT

I am one of the officers of a farmers' telephone company. About 10 days ago our president died and the question is now asked, does the vice president become president and serve until the next annual meeting? Or must the board of managers elect a new president? And if they should elect the vice president as new president would they have to appoint a new vice president?—Reader, Arenac County.

IN the event of the death of your president the vice president would assume his office until a new president is elected at the regular election. It would not be necessary to elect a new vice president to take the old one's place.

### WHO GETS COW?

Three years ago a neighbor gave me a heifer calf. We are on a rented farm and the contract is on a 50-50 basis. We were to have four cows of our own. This calf has come to a cow and now we want to sell out. The other party gets a pound of butter to each cow and half of the increase of all that is raised on the farm. Now do you think this man is entitled to half of this cow? She was 18 months old when she came fresh.—E. A., Kalamazoo, Mich.

IT would be unfair for you to raise the calf in question on the undivided feed and then claim the full value of the cow later. In this case the landlord should pay you for one-half of the value of the calf at the time it was turned over to you providing it met with his approval.

If the stock is divided at the outset and each party owning his own stock of which he is responsible for the maintenance of a certain number of animals you could balance up the expense of raising the calf by offsetting one which should be furnished by the landlord. The former method is the one most in use and it is also most practical.—F. T. Riddell, Research Assistant in Farm Management, M. S. C.

### NOTE STILL GOOD

We borrowed some money from one of our local bank a few years ago. We have always been prompt with the interest and have paid some on the principal when we could. The last time the note came due, we went as usual to renew it, pay the interest, and some on the principal. They refused to accept the renewal, interest, and what we offered on the principal, stating the bank examiners demanded a 10 per cent payment and threatened us with the demand of the face value of the note in full. We got the money they required and renewed the note. Afterwards we were

told that when one offers the interest on a note and some payment on the principal (if it is not more than \$1.00) and the owner of the note refuses to accept same, it cancels the note. We would very much like your opinion on this subject.—Mrs. E. B. M., Portland, Mich.

PAYMENT of all interest due and any part of the principal would not cancel the note where the holder refuses to accept. The note would still be good.—Legal Editor.

### WHO IS RESPONSIBLE?

If a man is sent to Ionia prison who has a wife, not in good health and three small children all under the age of 5 do the city authorities have to pay house rent and provide for wife and children or who will be responsible for the same?—F. J. I., Hillsdale county.

IF the wife is not able to support herself and children, she could apply to the probate judge for a mother's pension. She would be entitled to from \$2.00 to \$10.00 for the first child under ten years of age and \$2.00 for each additional child under that age.—Legal Editor.

## Bulletin Service

(The bulletins listed under this heading are free. Some are issued by the U. S. Department of Agriculture, others by agricultural colleges, and many by our advertisers. We carefully consider the bulletins that come to us from different sources and list those which, in our opinion, are of greatest value to our readers. If you want a copy of one or more just list them on a postal card or in a letter and mail to us with your name and address. They will be sent to you without charges of any kind.)

- No. 1.—POULTRY RATIONS.
- No. 2.—MODERN WATER SUPPLY.
- No. 3.—SOIL FERTILIZERS.
- No. 4.—SEED CORN CURING.
- No. 7.—FARM SANITATION.
- No. 8.—FIRST MORTGAGE BONDS.
- No. 9.—FROM EGG TO MARKET.
- No. 11.—MINERALS AND FEEDING.
- No. 12.—LINSEED OIL MEAL.
- No. 14.—UNDER-GRADE APPLES.
- No. 16.—TIRE CARE.
- No. 17.—FARMERS' TAX GUIDE.
- No. 19.—CONCRETE BUILDINGS.
- No. 20.—MOTHS AND BEETLES.
- No. 21.—FEEDING FOR EGGS.
- No. 22.—CHICK CARE AND FEEDING.
- No. 23.—BETTER GRAINS AND HAY.
- No. 24.—100 FOODS FROM 4 RECIPES.
- No. 25.—FARM LEASE SYSTEMS.
- No. 26.—ORCHARD MANAGEMENT.
- No. 27.—RASPBERRY PLANTATION.
- No. 29.—FLIES IN DWELLINGS.
- No. 30.—MORE MONEY FROM COWS.
- No. 33.—CULLING FARM FLOCK.
- No. 34.—POTATO GROWING.
- No. 35.—PROFITABLE ORCHARDS.
- No. 36.—TRACTOR LUBRICATION.
- No. 37.—MODERN POULTRY HOUSES.
- No. 38.—POULTRY, SWINE DISEASES.
- No. 39.—AUTOMOBILE LUBRICATION.
- No. 40.—YOUR TRACTOR.
- No. 41.—A FEW BOARDS.
- No. 42.—REAL ESTATE ASSESSING.
- No. 43.—FARMING UNDER PAPER.

## Where Our Readers Live

Haven't you a picture of your home or farm buildings that we can print under this heading? Show the other members of The Business Farmer's large family where you live. Kodak pictures are all right if the details show up well. Do not send us the negatives. Just a good print.



"Our home at corner of Ford Road and Canton Center, south of Plymouth," writes Mr. and Mrs. Edward Hank. "We have forty acres."



# THRU OUR HOME FOLKS' KODAKS



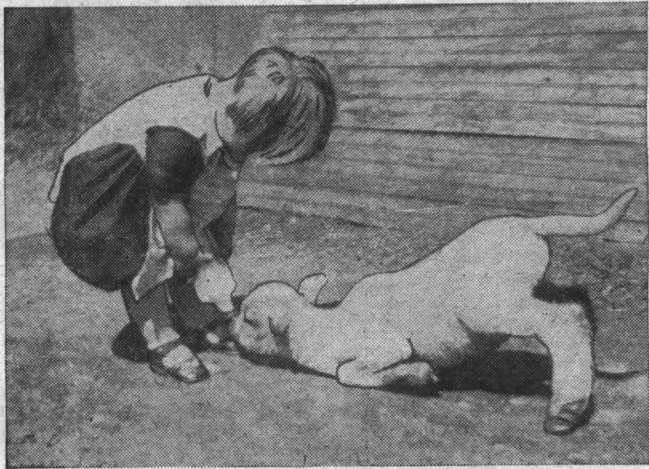
**READY FOR A RIDE.**—Ethel Sutherland, of Macomb county, sent us this picture and said it was of her sister, age 10, riding on a pony.



**"IF YOU WANT TO BE FRIENDS WITH US YOU GOTTA LIKE OUR DOGS."**—Fair enough proposition, isn't it? Now we'll introduce you to the young ladies. Meet Beatrice Kelsey, Eleanor Peet and Ellia Peet, of Kent county. Not knowing the dogs' names we can't introduce you to them.



**KENNETH AND HELEN.**—Kenneth is the son of Mr. and Mrs. Victor Young, of Huron county, and he is giving his sister Helen a ride.



**RAISING THE ORPHAN.**—When the lamb's mama died Doris Freeman, Alcona county, adopted it and is now raising it on a bottle. Mrs. Wm. DeCoste, Alcona county, sent the picture.



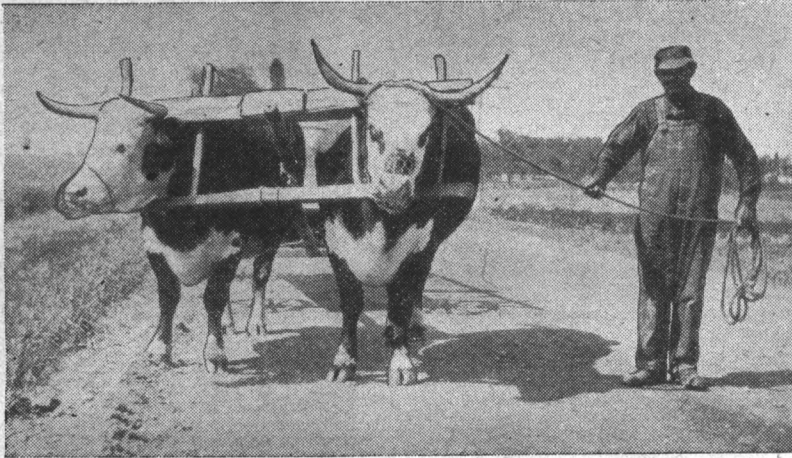
**BASHFUL?**—Looks like it. It's Estella Ripenburg, Clare county, and two friends.



**A SNOW STATUE.**—This is to make you have a chill which is a welcome relief from the hot days we've been having. Don't thank us, thank C. I. Kincaid, Clinton county, it's his picture.



**"A JERSEY PRODUCT AND HIS PET."**—That's Elias John Vander Kooi, Ottawa county, with his cat.



**A BIT OLD FASHIONED.**—Folks may consider him a bit out of date but Frank Prutka, of Antrim county, declares his method of transportation is slow but sure. The picture came from Mrs. Bernie Powell, same county.



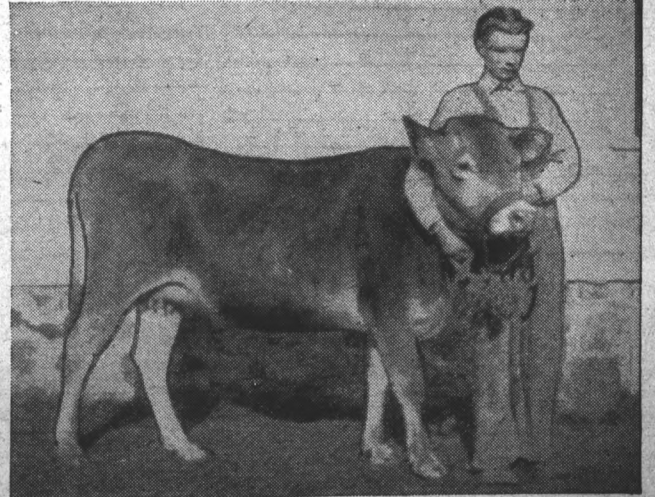
**55TH ANNIVERSARY.**—Mr. and Mrs. David Van Alstyne, of Mecosa county, have been married fifty-five years.



**"STARTING TO TOWN FOR ICE CREAM."**—Mr. and Mrs. Eli Royston, of Eaton county, suggest this title for the picture of their grandson, Jack Xanders, who is three years old. It will taste good even if it is winter.



**CROWING FOR CORN.**—Our pet rooster, very intelligent, crows for corn," writes Mrs. S. Stokes, Branch county.



**HE WILL STICK TO THE FARM.**—When a young farmer like Wayne Fultz, of Isabella county, owns a fine young heifer like this one to start a purebred herd with you can bet your last dollar the city will never get him.



## Two Weeks Vacation (?)

I SUPPOSE it would be quite possible for a farmer to take a two weeks vacation sometime during the summer. It is fine to plan on taking these vacations, and it is a good thing there is some fun in the planning for the plan part is about as far as a farmer can go toward a two weeks' absence from his farm during the summer. If the Master and Mistress of Broadscope Farm get away for a day they feel they have put across quite a large proposition and just recently we actually did sneak away for a full twenty-four hours, and it was a full twenty-four hours vacation for it included no sleeping hours. It proved a very pleasant "outing" and I wish more of our farmer friends would try a similar trip.



L. W. Meeks



## Broadscope Farm News and Views

Edited by L. W. MEEKS, Hillsdale County

(Many people write for Mr. Meeks' advice on different problems and he is always glad to give them the benefit of his wide experience without charge. Address him care of M. B. F. and you will receive a personal reply by early mail if you are a paid-up subscriber.)

Being full fledged land lubbers, we wanted to enjoy a day on some good sized lake or river, and the Master having taken a trip a few years ago from Detroit down the river, out into Lake Erie to Put-in-Bay, could think of no nicer trip for a one day vacation.

Leaving home at 4:00 A. M., we were just a little too early to have a hand in the morning chores and this in itself was a pleasant prelude to what was to be the "Day Off." Rain; yes, of course we had to run into a rain, but it didn't last long and only served to make the Old Chicago Pike pavement look like new. Lit-

tle towns came and went, and Ypsilanti arrived about the time we were thinking it time for breakfast. A neat lunch room and a twenty minute halt found us ready for the last lap of our morning ride. This was out the Ecorse Road to Allen Road and there onto Fort Street, which eventually delivered us to First Street and only three blocks from the foot of it where the steamer "Put-in-Bay" makes its home. "What about parking our car?" Well, that did have us guessing all the way from Broadscope to Detroit, but there was no cause for worry for all along Fort Street there were parking places

where one could leave a car all day and all night for the small cash outlay of a quarter of a dollar. No farmer need to worry about finding a place to park his car right down in the "it" of Detroit for there are scores of such parking places and during the early morning one is sure to find a vacant stall. The steamer leaves Detroit at 9:00 o'clock Eastern time.

We had half an hour to watch the ferries cross the river, some loaded with humanity and others with freight cars. But the crowd was to be entertained with a rather unexpected "stunt" this morning. A rum runner and his mate had just nicely left the Canadian shore in a high powered motor boat when three similar boats, each containing two United States officials whose duty was to capture Mr. Rum Runner (that is, if they could), followed him. One would not expect any such speed could be made by these boats and with the short turns they made and quick stops it proved these motor boats were about as nimble on the water as motor cars are on the roads. But here come some large freighters, two large Buffalo-Detroit passenger boats, and our rum runner and his pursuers were lost to us. There was considerable shooting at the outlaws by the officers but apparently the motion of the boat and speed were too much for accurate aim.

Our next interesting sight was the new bridge which will span the river and provide a traffic way for the thousands of autos that now cross on ferries. This new bridge will be high enough to allow ocean liners to pass under it. All plans now seem to include the fact that no great distant day will find Detroit really an ocean port with the same advantages such cities as New York now enjoy.

As our boat left the Detroit river and headed out into Lake Erie we were aware that the wind was quite strong, and so much so that the floors and chairs didn't seem to be exactly where they ought to be! But three quarters of an hour either calmed the waters some or "calmed" the passengers so the remainder of the trip was very pleasant. Soon the outline of the Perry Memorial monument could be sighted and about three hours after we left Detroit we were stepping off at Put-In-Bay.

Put-In-Bay is the name of the town, the bay and the island; the island being the largest of the Middle Bass Islands. These Islands are famous for their grapes. A guide told us that 80 per cent of Put-In-Bay island was in vineyards. A tour of the island showed many grape rows which run back as far as the eye could see. With few exceptions, these grapes get excellent care and the vines seem to be loaded with the nearly half grown fruit.

A visit to the island would not be complete without seeing the caves. It seems a strange thing that way out there on an island these wonderful caves should be found. Perry Cave is 235 feet long and 165 feet wide. One goes down flight after flight of stairs to enter it. The cave is well lighted with electricity and kerosene lamps. I imagine the lamps are for use if the electricity should fail. Way back in the far side is the "Wishing Spring," an old gentleman in uniform dips his bright dipper in the cold water and fills a glass for you. A visit with this veteran of the cave disclosed the fact that he had been a guide there for forty-two years! He is only eighty-four years old and said half his life had been spent in the cave. It is so cold and damp and—"spooky" (is that the word?) that fifteen minutes was enough for our party. It seemed warm when the free air was again in evidence. However the other caves were visited and were equally as wonderful and each entirely different. The Perry Monument was visited and it certainly is a wonderful work of art. Forty-five feet in diameter at base and thirty-five at top, is 352 feet high. Walls are nine feet thick. A fine elevator takes one to the top where a landing is placed that will conveniently accommodate 300 people. A wonderful view of the island and lake with its many steamers may be obtained from this tower. All too soon our watches said four o'clock, and out on the lake heading into the beautiful bay was our steamer. At

(Continued on Page 26)

# Does Better Plowing Yet It Requires Less Power



## Good Fall Plowing is the Battle Half Won

AUTHORITIES agree that good Fall plowing is the best means of controlling cut worms, wire worms, the European Corn Borer and many other insects as well as weeds and a host of crop diseases. To be effective, though, the plowing must be absolutely clean. That is the reason so many farmers are turning to the Oliver 18" Big Base Gang for their plowing work. See your Oliver Dealer now so that you can do your Fall plowing with this new type plow.

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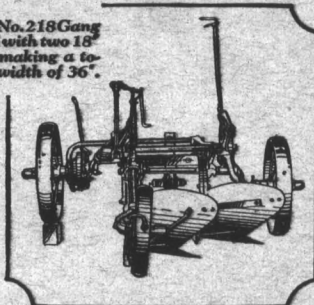
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You actually do better plowing with less power when you use the Oliver No. 218. You will be amazed at the way this new plow with its two 18" Big Bases turns and pulverizes the furrow slice and at the same time covers every particle of trash. Take it into any field; it will do the job right.

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The Oliver No. 218 Gang is equipped with two 18" Big Bases making a total cutting width of 36".



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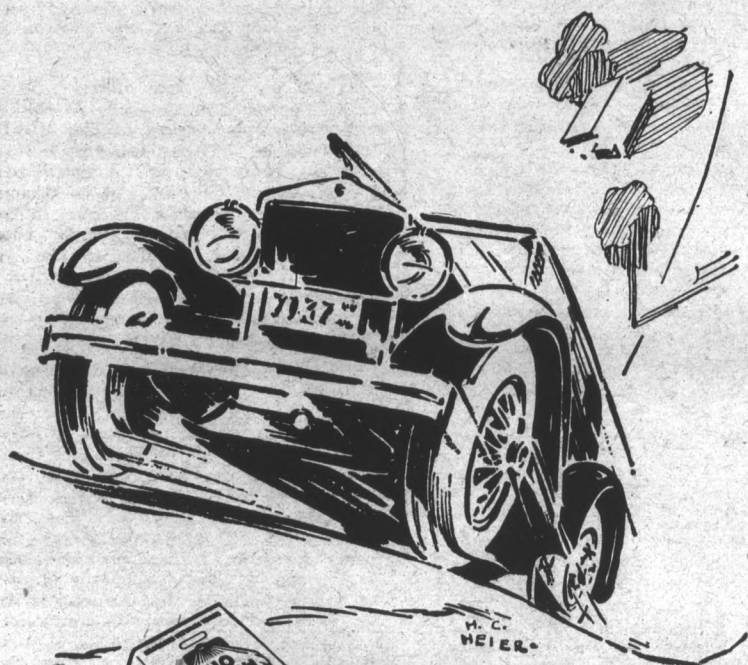
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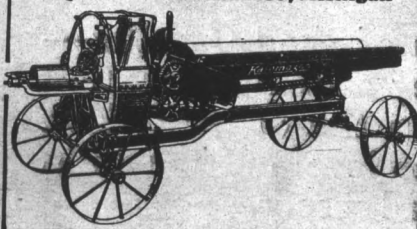
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### Chatting with the Agricultural Teacher

Edited by V. O. BRAUN

(Mr. Braun is a farmer, a teacher of agriculture and a writer. He owns and operates a large farm in Branch county known as Spring Water Farm. He is a successful teacher of agriculture in a high school in Shawano county. Also he writes for many leading farm magazines of this country. He is well prepared to help farmers with various problems and our folks are welcome to write him at any time. Just address him care of M. S. C. and you will receive a personal reply by early mail.)

#### County Fairs

I won't be long now before the good old fashion County Fairs will be in full swing. There's something about a good fair that is always fascinating to me. It is a yearly event which the whole family can enjoy, there are always plenty of educational features, amusements, and fun for all. I believe that every farmer should take a day's vacation after the hard summer's work and with the family attend his county fair.



V. O. Braun

I've already been asked to judge the stock at two county fairs, and I want to say that this is a job I always thoroughly enjoy. It's a great pleasure to me to line up a row of dairy cattle or draft horses and place them before a group of interested farmers, by picking out and explaining the strong and weak points of each.

I also enjoy looking over the new farm machinery and I am especially interested in comparing the new model automobiles; however, I'm not so deeply absorbed in the automobile industry and its frills, but that I can still obtain a great deal of pleasure and excitement from watching a good old fashioned "neck and neck horse race."

Also remember that exhibits make a good County Fair and if you have some good grain or livestock or anything else to exhibit, by all means enter it; it is a good method to advertise and a good opportunity to learn.

#### Farmers' Day

Michigan State College became the mecca of an interesting group of 8000 farmers on July 27 as the rural element from all sections of the state gathered to attend the annual Farmers' Day.

Considerable interest was shown in the combine demonstration which took place on the College farm. As I watched these three big powerful machines cut and thresh a 12 foot swath of golden wheat on their journey around the field I became very much interested in them and also in the comments which I heard from the side lines. "I'm going to have one of them," exclaimed one farmer, "they will cut and thresh grain much faster and at a cheaper cost per acre." "They would be a fine thing on a big farm," said another farmer, "but on my 120 acre farm the interest and depreciation would be too great." Another bystander mentioned that Michigan had too many small fields, stone piles, cat holes, and gullies to use a combine successfully.

As I was about to walk away from the demonstration I heard one farmer mention my own chief objection to the combine. "These things have no method of putting the straw in the barn, and I need straw for bedding," he asserted. Then I heard a reply to this objection which I had never thought of before and which I am going to pass on to you without any comment. "Straw for bedding does not produce any more pounds of beef in cattle, or add any more units of pulling power to horses," answered his companion.

Perhaps you may be able to add a few more favorable or unfavorable comments to this list relative to the combine. Personally I'm strong for any new machinery or equipment which is practical and will cut down costs of production.

#### Kellogg Helps M. S. C.

As far as I have been able to learn, the first instance in Michigan where direct financial aid from a private source to State and federal funds used for agricultural demonstration purposes occurred when a few weeks ago Mr. W. K. Kellogg, the cereal magnate from Battle Creek, gave to

the Michigan State College the use of his large farm and sanctuary together with funds for operating expenses.

Mr. Kellogg who has made his fortune from the manufacturing of farm food products is now seeking to aid the agricultural industry in this very liberal and splendid manner. He has given the state board of agriculture a trust fund of \$100,000, the interest of which is available for agricultural development of the farm, and he has established a similar trust fund of \$105,000 for the development and experimental work at the sanctuary.

I have been especially interested in this very liberal and welcome tribute of Mr. Kellogg's to the agricultural industry because I am a personal friend of his very able farm superintendent, Mr. George Gatman, who comes from our own community. In fact he received his early agricultural training in the agricultural department in which I am now teaching. No, I wasn't teaching in the department at that time, but we are still training boys for farming and for farm leaders.

#### Using Binder and Tractor Alone

A few weeks ago I had my first experience in cutting grain with a binder and tractor all my lonesome. I've cut a good many acres of grain and have had some experience in running a tractor, but I've never had the thrill before of running both of them together all alone. By attaching a rod, spring, and lever to the bundle carrier and running it to the tractor the tripping of the bundles is not a very difficult task. Of course the field must be moderately level and the grain even in order that no shifting of levers on the binder is necessary. There are quite a few things to watch in this operation and you cannot go to sleep on the job by any means, but it is not such a difficult task if everything works all right. I've always made the boast that I could run any kind of a machine which had a seat on it. I'm strong for this kind of labor, and next year I'm going to try the same contrivance on Spring Water Farm.

#### M. S. C. is Yours to Use

While at the Michigan State College for two weeks this summer, I had the pleasure of having a very fine interview and visit with President R. S. Shaw. We forgot about the time he called me on the carpet when I was a student at this old institution, and we conversed about agricultural problems and their outlook in Michigan. Dr. Shaw who has been called upon, and who is so ably straightening out matters at the college, holds an optimistic view concerning Michigan agriculture. He stated that he wished the farmers of Michigan would use the Michigan State College as their great center of agricultural problems and activity. He also informed me that the department of research, extension, and education were at the service of the farmers of this state at all times, and that he hoped they would use them toward the building up of a better agriculture and a better rural life.

To my mind this is a very fitting viewpoint and program for the President of the Michigan State College toward the farmers of Michigan, and I pass it on to you with my utmost respect and most sincere wishes.

#### Our Book Review

(Books reviewed under this heading may be secured through The Michigan Business Farmer, and will be promptly shipped by parcel post on receipt of publisher's price stated.)

Some Questions Answered.—By W. H. Peters, in a new swine book that answers questions on the raising of pigs, from litter to market. The information has been collected from the most reliable sources and can be depended upon. Published by Webb Publishing Company and sells at 50 cents.

### Tremendous Power from the Wind

THE Aermotor Co. is now making a self-oiling windmill 20 feet in diameter. If you have a well 1000 feet deep, or if you want to raise a large quantity of water from a shallower well, this is the windmill you need. This new Auto-Oiled Aermotor weighs nearly 2½ tons without the tower. It is a giant for power.

Whatever your water requirements may be there is an Auto-Oiled Aermotor of the right size for the work. They are made from 6 feet to 20 feet in diameter. Use the smaller sizes for the shallow wells and the larger ones for the deep wells or large quantities of water. Our tables, sent upon request, tell you just what each size will do.

The Improved Auto-Oiled Aermotor, the genuine self-oiling windmill, is the most economical and the most reliable device for pumping water. It works every day and will last a lifetime.

Every size of Auto-Oiled Aermotor has double gears running in oil. All moving parts are fully and constantly oiled. One oiling a year is all that is required.

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SOUSA and  his BAND

The world's most famous military band under the personal direction of John Philip Sousa who celebrates his 50th year as a conductor in 1923. Special Sousa concerts Sunday, September 2nd, and every day of the fair. Here's your opportunity to see and hear Sousa for 25¢.

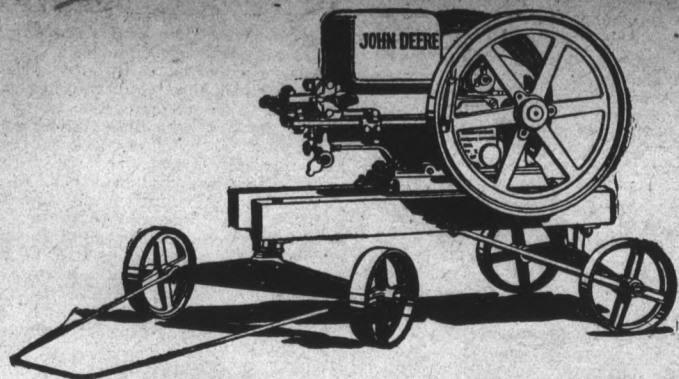


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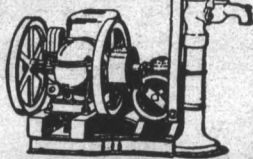
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## Seeing Michigan With Mathews

By IRVIN J. MATHEWS

SOME years ago Doctor Russell Conwell in a popular lecture told in a very fascinating way the story of two farm boys who wandered around the world in search of wealth and finally came back to the old farm and figuratively found diamonds right under their very feet when once they learned how best to manage the soil. To one making an unbiased survey of the assets of the State, the black soils ordinarily known as muck are among its greatest resources.

Where Is The P-Nut Growing Section?—The products of this black soil, outside of fruit, are the high lights of the tourist's trip into Michigan. He remembers first the celery; the fellow who originated the idea of selling celery and "P-Nuts" direct is responsible for this. In New York recently, a man was telling me how he drove through Michigan last year and enjoyed the celery and peanuts so much. "Just where is the peanut growing section of Michigan?" he inquired and seemed quite surprised to learn that peanuts are not grown in Michigan.

The tourist remembers the celery on sale, the onions in the fields and the fragrance of the mint oils, particularly in the early morning or late evening in the autumn when the black curls of smoke from the stills are loitering their way into the air dome.

The Fertile Valley of Winds and Boughs.—To one who wishes to see a great variety of the different types of farming carried on in Michigan in a short drive, the road from Grand Rapids to Sagautuck by way of Holland offers a great diversion. The thickly populated and intensively cultivated muck soil area around Hudsonville which extends on down the valley, sometimes narrow and sometimes wide, shows every shade of culture from abandon to very intensive. A one acre celery farm is quite common, five acres is considered a ranch. Here they put on fertilizers from a ton to a ton and a half to the acre.

At the present time, these growers are worrying about the west winds. The wind is one of the most serious menaces of the muck soil operator. You see a dozen different methods of stopping the wind from cedar and popular hedges to rows of blackberry and gooseberry bushes; also narrow drills of barley or rye and occasionally two wires are strung between posts running north and south and the fertilizer bags are pinned to the top and bottom wires. The longer this muck is farmed, the worse it blows.

The Buckle of the Fruit Belt.—Some miles further southwest, you get into the fruit belt. Many people have heard of Michigan's fruit belt but very few of them realize that it is a very narrow band, never exceeding 40 miles back from Lake Michigan and more often being nearer 10 miles in width. Every farming community owes it location to soil, climate, and marketing facilities. The fruit belt occurs where the cold winds off Lake Michigan keep the

buds retarded until late enough in the spring so there is no danger of late frosts; the same winds delay frosts until late in the fall. This section also has a large number of days of bright sunny weather. Operating a muck farm and managing an orchard are about as far apart as the two poles.

Field Day in Cass County.—In this day and age, anyone can have a college education without going far from home, if he will only keep his eyes and ears and mind open.

On June 22 I attended the annual field day at the Cass County Experiment Field. For twelve years now, the soils department of Michigan State College has been conducting tests of different lime materials and fertilizers on this farm and determining the responses by the weighed yields. This is very valuable information for the farmer who has a similar soil type and will put his intelligence to work on the problems of his home farm.

Two or three very important lessons were brought out. This is a Fox sandy loam. On all crops, application of all three plant foods was showing wonderful results. With the legumes particularly alfalfa and sweet clover, potash was showing wonderful improvement in the yield of hay. Also the best yields of wheat have secured on the plots that have had a complete fertilizer treatment.

Cheaper Nitrogen is Sand Farmer's Hope.—Everything now indicates that during the next two or three years, commercial nitrogen in this country will cost much less per unit than it does now. To sandy soil farmers this will mean a big reduction in the costs of production. The plan now in use on these plots is to topdress all the small grains with 100 pounds per acre of nitrate of soda in the early spring and it has been paying handsome returns. Manure is generally regarded as a high nitrogen carrier but this spring, the nitrate of soda treatment has shown up on the plots that had previously received manure as well as those which had not.

Poor Farm Not So Poor.—Harry Gleason, Cass county farmer and businessman, told of the practical results of the systematic use of lime and fertilizers as reflected by the receipts of the Cass County Poor Farm. "Twelve years ago," said Gleason, "the records show that this farm turned \$800 to \$900 per year into the treasury which was nowhere near enough to support the farm and inmates. About that time we asked for and were granted an appropriation of \$500 to see what we could do with lime and fertilizers. The result is that during the intervening years, \$2,800 has been spent on this farm for such materials. During the last ten years, the average receipts have come up to where the ten year average is \$5,300 per year and last year it reached a total of \$10,300, the largest year yet." In some counties, the county poor farm could not be better named and these might slip a leaf out of Cass county's book of experience.

(Continued on Page 20)



#### MANAGE DEMONSTRATION FARM

Thousands of Michigan farmers who have visited the Pennsylvania Demonstration Farm at Howard City, Michigan, will recognize this young couple as Mr. and Mrs. Gerritt Posthumous. Mr. Posthumous is the resident manager of the farm. Both take a lively interest in crop and soil demonstrations. The arrows in the picture show the difference in average height between the treated and untreated sweet clover. A 0-8-16 fertilizer was used on the plot at the left, 350 lbs. to the acre.



## CATAPULT By NORRELL GREGORY

Another Tale of the Homestead Country

(Concluded from August 4th issue)  
**T**HUS urged, Terry went. Still weak from the wound, the day's events had all but worn him out. He took the worn horses to the barn, stabled and fed them and went to bed.

When he awoke at daybreak he heard the wind whining around the house. He looked out on the dullest, grayest, most forbidding sky in the world, with an occasional snowflake drifting warningly before the wind.

He hurried into the kitchen where his mother was getting breakfast.

"Mother," he said, "I expect you'd better get Doug's and Mort's breakfast ready and let me take it up to them. Doug won't stop to eat now. He's—what in the dickens!" he ejaculated, as two strong, warm hands were suddenly clasped about his eyes.

"Let him loose, Mary," said Mrs. Muir, laughing. "He's never recovered his strength, you know."

"You little minx!" exclaimed Terry, laughing himself. "When did you get back? I thought you was going to stay all winter."

"Last night," said Mary. "Terry, it wasn't like I thought it'd be. I couldn't stay."

"Maybe you'd like to take the breakfast up," said Terry, grinning widely.

"No, sir," said Mary. "There's too much to do here. All these hungry men to feed. You take it. We've got it all ready."

The old Wild Cat was still charging valiantly across the field when Terry came into view. By the time he arrived there, Doug had driven it over to the creek to take on water. He sniffed at the package Terry bore.

"Hey, Mort," he shouted at the nodding Ramsdale, "look what's come. Wake up, you old deadhead."

Mort woke up. Both he and Doug did ample justice to that breakfast. The shockers were in the field and hurling bundles into piles before they had finished it. They made sport of the work.

"How long will they last?" inquired Terry, dubiously.

"Till the last bundle is piled up," declared Doug. "I know them boys. They'll be caught up and whooping for more grain before noon."

"Before noon," predicted Mort, direly, "we'll be two feet under snow here."

"If it will give us today," said Doug, "we can finish, with no bad luck. You'd better get the team out, Mort."

Mort departed, walking groggily. Terry climbed up on the engine. Doug seemed unusually morose.

"Terry," he said, "I'm pulling out as soon as this job's done."

"Where to?" asked Terry, with a lightness that was entirely assumed.

"I-o-way!" said Doug.

Terry grinned in the crook of his arm. "Won't do you a bit of good," he said, enjoying the look that came on Doug's face.

### The Experience Pool

Bring your everyday problems in and get the experience of other farmers. Questions addressed to this department are published here and answered by you, our readers, who are graduates of the School of Hard Knocks and who have their diplomas from the College of Experience. If you don't want our editor's advice or an expert's advice, but just plain, everyday business farmers' advice, send in your question here. If you can answer the other fellow's question, please do, so he may answer one of yours some day! Address: Experience Pool, care The Business Farmer, Mt. Clemens, Mich.

### GETTING THE LICE

**D**EAR EDITOR: I just read the inquiry of "S. L., Elsie, Mich.," regarding what to do for lice on cattle, and wish to say if he will spray his cattle lightly with McNeess' Kill Fly and then throw a blanket over them for ten minutes he will not find a live louse left on them. This is to be repeated once or twice about a week apart to get any nits that may hatch. This will not take the hair off or injure the stock in any way. Can be used for horses, hogs and other stock.—W. N. R., Montrose, Mich.

### KEEPING PLUMS FROM DROPPING

**D**EAR EDITOR: I notice "S. F., Petoskey," wanting to know why his plums dropped half grown. It is because his trees are black hearted or have a rotten pulpy heart. If he will give them lots of water near ripening time they will hold the fruit.

There is a lot of talks and write-ups for Michigan to compete with the west but we cannot grow first class fruit on rotten hearted trees.—R. W. R., Levering, Mich.

"I'll make her listen to reason," said Doug earnestly. "I'll give up the riding business. I got my belly full. I've got enough to build that house. I'll make her listen to reason."

"Won't do you a bit of good," repeated Terry, "to go back there."

"Terry," said Doug, looking at him fixedly, "do you really think Mary is done with me?"

"I didn't say that," replied Terry, deciding that it would be good for Doug to suffer a little. He had made them all suffer a plenty! "I didn't say exactly that. I said I was satisfied it wouldn't do you any good to go back to Iowa after her."

Doug stared over the engine with unfocused eyes, lifted a long leg deliberately and set a heavy foot on the cab floor.

"Well," he said heavily, "guess I'd better keep this old hooker a rolling. Snow's a coming."

Snow came on slowly that day, with the

deliberate precision that spells fixity of purpose. It thickened steadily. By noon it was falling fast enough to obscure the vision somewhat, and by four o'clock it was a smother. Mort gave up first and headed for the barn, then the shockers, who had been hard on the heels of the binders, departed, limping and weary. Doug stuck to the last before he turned the Wild Cat homeward and let her pound. Only the fact that the grain was too heavy to elevate kept him from finishing the last acre or so that remained in the field.

As he rolled homeward, cattle were drifting down from the slopes everywhere, bawling melodiously, glad to come back to the home ranch. Even above the exhaust of the engine he could hear the roar of the storm up in the pines. Below he could make out the blur of the ranch buildings thru the storm and could vision the warmth of the kitchen and the gleam of the fire on the walls. It was growing dusk, even then.

Thru the storm he made out a figure coming towards him afoot and guessed it was Terry. He stopped the engine and opened his mouth to upbraid him for coming out in the storm and risking catching cold.

"You little wart," he said, altho affectionately, "what do you mean coming out in this? Get up here where it's warm and button that coat tighter."

He reached down and caught the person by the arm and lifted.

"Why Terry!" he said, "you don't weigh nothing! Sure fell off a lot."

Mary threw back the great collar of Terry's sheepskin and laughed at him. Doug stiffened electrically.

"Thought it was about time somebody came up after you," she said, enjoying his amazement.

Doug did not hold that pose long. He recovered his faculties with astonishing completeness. He didn't bother to ask how she happened to be right there before him when she was supposed to be in Iowa. It was enough that she was there.

"Now," he said, after a little while, grinning the widest grin he'd ever grinned in his life, "everything is complete but the biscuits."

She laughed at that.

"They're complete, too," she said. "I've got some I've been saving for you over two months."

"Good!" said Doug, starting the engine, then just before they passed thru the gate opening into the homestead, he pointed out a level expanse of ground partly enclosed by aspen.

"There," he said, "snow or no snow, is where a house is going up before many more days."

Mary snuggled a little closer to him.

"Who's stopping you?" she asked.

THE END.



Superior Grain Drills made in Plain Grain and Fertilizer and Grain Models. For team or tractor. Single disc, double disc or hoe furrow openers.

# Make more money from your Grain Crops

Get more heads per plant, more plants per row, more bushels per acre with this amazing Drill

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"I experimented with several drills and have found the Superior the most profitable" says the owner of several farms in Maryland

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The new, improved Superior has many exclusive features found in no other drill. Farmers by the thousands acknowledge it to be the most efficient grain drill built. It sows evenly. It covers uniformly. It does precision seeding in all kinds of soil, under all conditions. It gives you a degree of accuracy that only Superior can give.

After planting last year's crop with the new Superior, Joseph Thomas writes: "I have the most even stand of wheat I ever saw without a skip in the field."

And Superior users, everywhere, tell the same story. All agree that the Superior is the most accurate drill they've ever used.

Think what this accurate planting means to you in actual money.

It means that no seeds are bunched together in one part of the row and spaced widely in another. It means that

the number of heads per plant are not reduced by crowding. It means that no valuable growing space is wasted, by skipping. It means many bushels of extra grain when you thresh your crop.

It can't be anything but accurate

The new Superior has a Direct Drive. A flow of seed is started the minute the mechanism is thrown in gear. There is no space wasted at the ends of the field. It has the famous Superior Double Run Force Feed System—a system that measures and deposits an exact amount of seed with unfailing precision. And it's equipped with one of the most positive methods of seed regulation ever developed. When you set the lever for a certain number of bushels per acre that's the amount you will sow.

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### Light draft and long life

In practically all of the thousands of letters we get from enthusiastic users, farmers tell us how surprisingly easy they find the Superior to pull. A New York farmer voices the opinion of all when he says: "It is the lightest draft drill I have ever used."

This light draft is due to five things, correct design, proper distribution of weight, Hyatt roller bearings, Alemite lubrication and pitch-and-gather wheels—features that contribute to longer life as well as easier operation.

Let the Superior dealer show you

Call on the Superior dealer in your neighborhood. Let him explain the many exclusive features of the new Superior Drill. Talk to farmers in your neighborhood who are now using it. Find out for yourself the kind of work it does in your type of soil. And then do what good judgment will tell you to do. Use the Superior in planting your crops this year. In the meantime, write for a copy of the free book offered below. Mail the coupon today.

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 630 Monroe Street Springfield, Ohio  
 Please send me, free, a copy of your book, "Drilling for Dollars."

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Other Superior Products: Superior Black Hawk Spreaders, Superior Buckeye Cultivators, Superior Corn Planters, Superior Lime and Fertilizer Broadcast Sowers—implements known the world over for superior service.



# The Michigan BUSINESS FARMER

Title Registered U. S. Patent Office

SATURDAY, AUGUST 18, 1928

Edited and Published by  
**THE RURAL PUBLISHING COMPANY, Inc.**  
George M. Slocum, President  
MT. CLEMENS, MICHIGAN  
DETROIT OFFICE—2-144 General Motors Buildings  
Represented in New York, Chicago, St. Louis and Minneapolis by  
The Stockman-Business Farmer Trio  
Member of Agricultural Publishers Association  
Member of Audit Bureau of Circulation

**GEORGE M. SLOCUM**.....Publisher  
**MILON GRINNELL**.....Editor  
Mrs. Annie Taylor.....Farm Home Editor  
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Published Bi-Weekly  
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We will not knowingly accept the advertising of any person or firm who we do not believe to be thoroughly honest and reliable. Should any reader have any cause for complaint against any advertiser in these columns, the publisher would appreciate an immediate letter bringing all facts to light. In every case when writing say: "I saw your advertisement in The Michigan Business Farmer." It will guarantee honest dealing.

"The Farm Paper of Service"

## A BUSINESS FARMER

JUST because he is located in a county that is outside of Michigan's fruit belt and off the beaten path traveled by the shippers did not stop John Ferwerda, of near Falmouth, from growing apples on a commercial scale. He started out with the idea that if he could not sell to the shippers he would cater to the home market and that is the way he has built up a very successful business. Of course, he has had low priced fruit from unsprayed and uncared for orchards to compete with but in spite of this handicap he has always had an outlet for his best grade of fruit. Until recently the sale of his second grade apples was his great problem but now he has solved this by establishing a store and cider mill on the main traveled road east of Falmouth. There being only a limited market locally for his freshly made cider he has installed pasteurizing equipment in his mill so that he can conserve the surplus. The juice is filtered in processing and bottling, giving a product free from residue and of excellent flavor. Last year he pasteurized about 1,700 gallons to carry over to supply the trade until the 1928 fall apple crop matures.

John Ferwerda is a true business farmer, one who farms with his head as well as his hands, and as a result is making a success of his business.

## "GAMES OF CHANCE"

FAIR time is here! Some of the counties have already held their annual fairs but the majority of them are just getting the grounds in readiness and will throw open the gates to the public in the near future or within the next month or so.

The fair is a great institution if it is handled right. The best products of the land, human and otherwise, are on display and in competition. Rivalry is keen but friendly and the smiles of the winners are not much broader than those of the losers. Smiling faces greet one on every side because fair time is a time of merrymaking.

Care rests lightly on the shoulders of both young and old when they are attending the fair. They want to be amused. They are in the mood for playing games and visiting shows which generally occupy conspicuous places about the grounds. They are willing to even try beating the other fellow's game, which they generally find, after a financial loss often quite large, cannot be done. Yet they seldom bear malice toward the operators. Is it any wonder that the men with "games of chance" are so anxious to work the county fairs?

Folks going to fairs want amusement and they should have it but not the way most fair midway give it to them. Amusement should be furnished free by the fair organization with the price of admission sufficient to pay for it.

The average person who takes in the amusements at his county fair pays a pretty stiff price for what he gets, especially when he plays the "games of chance." The quotations are quite in order because all the chance there is in the aver-

age game on the fair midway could be put on the point of a pin with lots of room to spare. One who plays these games is not gambling because Webster tells us that gambling is staking money or any other thing of value "upon an uncertain event," and there is nothing "uncertain" about most of these games. The player is beat before he starts because the operator has the game under complete control.

Elsewhere in this issue you will find an article by Archer P. Whallon on these so-called games of chance. Be sure to read it and then remember it when you attend the fair.

## THE WORLD MOVES

IF SOMEONE 25 years ago had said that it would be possible in 1928 to go around the world in 24 days and receive pictures by radio they would have been considered crazy. But a couple of weeks ago two men did circle the globe in that number of days and only last week a moving picture was successfully broadcast by radio. It is true that this rate of travel is unusual and the broadcasting of a moving picture film is still in the experimental stage but they will not remain that way long. Perhaps they will be considered very common in 1953. Who cares to even attempt to predict what the next 25 years may bring forth after looking back over the progress made during the last twenty-five?

## NO MORE "FREE LOTS"

THE Michigan Securities Commission has issued an order that the "free lot" real estate promotion scheme must be discontinued in this State. In the future no real estate dealer can use this method to boost sales. If he does he will be cited, the commission announced.

We are pleased to see the commission take such a pronounced stand on this scheme, which is usually misleading from start to finish. The "winner" generally pays a conveyance fee that amounts to more than the lot is worth and then finds that his lot is not wide enough to build a reasonable sized house on. Most of the lots run 20 to 25 feet wide. Picture a house with a driveway at the side on a lot of that width. It just cannot be done and the company knows it. Then they try to sell the lot beside the "free" one at a good figure or get the "winner" to trade his "free" lot for one that is larger and sells at a good figure.

Real estate dealers have been permitted to use this scheme too long already. It should have stopped when it was first started.

## VALUABLE CALENDAR

TALKS of eliminating war have little effect upon the farmer. He is in a constant state of war. When his nation needs him he fights for her, and when that battle is settled he resumes his war on the farm against the elements, the bugs, worms, and insects, and the diseases that seek to destroy his crops and kill his livestock, even endangering the lives of the family and himself sometimes. Every bit of help he can get to whip the "enemy" is needed. Take the "Calendar of Livestock Parasites" recently gotten out by the Bureau of Animal Industry of the U. S. Department of Agriculture as an example of valuable help. This calendar contains condensed information on the important activities in the control of livestock parasites which may be best conducted each month, telling what to watch for in parasite activity, and what to do to remedy, and especially to prevent the trouble. Write to the bureau at Washington, D. C., for a copy. Ask for Miscellaneous Publication 25-M. It's yours for the asking.

## WHAT BAIT WILL THEY USE?

ACCORDING to reports the Democratic party will make a strong play for the farmer's vote this fall and we are curious to know how they plan on getting it. First, they nominated Al Smith, governor of the state of New York, who has placed himself on record as not favoring the Great Lakes-St. Lawrence waterway. Next, Gov. Smith declared himself as being against the equalization fee which is such an important feature of the McNary-Haugen bill, said to be the favored form of farm relief among the middlewest and southern farmers.

Just what kind of bait are they figuring on using to catch the farmer's vote?

## WIN WITH A SLOGAN

THE "Who but Hoover" slogan can be bought on auto plates to attach to your regular license plates. Now if some company will come out with a "Pal with Al" plate this presidential campaign can be made a battle of slogans.



THERE ain't a thing that's made or grows upon the soil or on its toes that's half as good as chickens is, you take a two-pound fry, gee whizz, and cook it in the fryin' pan, and there's a dish for any man! There ain't a thing that you can eat that's got a fried spring chicken beat. It takes a lot of toil and fuss to raise 'em through the perilous and hard luck time, of chickenhood, but when they're fried, my they are good.

They get the cholera and pip, it seems they can't stand much hardship, the rats and lice will pester them, you've got to use each stragem to save their lives when they are small or you won't have no fries at all. They get congestion of the crop, and liver worms will make them drop. Aspergillosis knocks 'em cold, they ain't immune till they are old. But when they're grown and in the pan I always find out that I can forgive 'em for the trouble that it was to kill each fouse and rat and raise them big enough to fry, a drumstick in the hand, Oh, my, is worth the work Mirandy's got a-raisin' chickens for the pot!

## PETER PLOW'S PHILOSOPHY

They say Al Smith is a "wet" but he ain't "wet" enough to believe in the Great Lakes-St. Lawrence waterway which us farmers want.

A Capac beekeeper says that skunks eat bees. Apparently the little cusses ain't contented with sprayin' us with their unpleasant perfume, but are tryin' to add some sting to it.

I heard two boys arguin' 'bout Champion Gene Tunney. One says, "I'd like to see Gene fight another feller just like himself." The other boy says, "Aw, that wouldn't be a fight. You can't have a fight with both men backin' up."

Ever hear this one? The newly-wedded bride was doin' her shopping at the corner grocery store. She was 'bout to leave the store with her bundles when she stopped suddenly and turned to the clerk. "Do you know where I can buy a good bee?" she asked.

"Sorry," replied the clerk, "but we do not keep bees."

"Well, I am very anxious to get one," the bride said. "I want to get it to surprise my husband. He loves honey for breakfast, and I want to get a bee so that we can have fresh honey every mornin'."

## COMING EVENTS

Aug. 24.—Holstein-Friesian Breeders Field Day, Blythefield Farm, Grand Rapids, Mich.

Aug. 28.—Annual Field Day, Pennsylvania R. R. Demonstration Farm, Howard City, Mich.

Aug. 28-31.—Michigan Poultry Tour.

Sept. 2-8.—Michigan State Fair, Detroit, Mich.

Sept. 10.—Opening Day Hatcherymen's Short Course, M. S. C., East Lansing, Mich.

Oct. 13-20.—National Dairy Exposition, Memphis, Tenn.

Oct. 30-Nov. 2.—Top O' Michigan Potato Show, Gaylord, Mich.

Nov. 2-3.—State Horticultural Show, M. S. C., East Lansing, Mich.

Nov. 7-10.—Greenville Potato Show, Greenville, Mich.

Nov. 15-16.—Potato Show, Cadillac, Mich.

Nov. 21-23.—Western Michigan Potato Show, Big Rapids, Mich.

"The Business Farmer" is more than a periodical It is an Institution of Service!



## The Publisher's Desk

(We are always glad to do all we can to protect our subscribers from fraudulent deals or unfair treatment from concerns at a distance. We advise on stocks and bonds, and investigate different concerns for our subscribers. This service, including a personal letter, is free when subscription is paid in advance.)

### CADILLAC MOTORISTS ASSOCIATED

On April 5, 1928, a man by the name of B. R. Smith came and sold me automobile insurance for which I am sending you the papers. He said they insured anything from the scratch of a pin up to death and would insure me or our car for two years for \$29.50 which I paid. He said he would send the policy right out but instead he sent this green paper without even the name of the car on it, and from what I hear I think he is a fraud as he insured a lot of them around here and none of them have their policy. As I understand it the company is alright but he is crooked. Would like my money back if they can not insure me as he said for two years. Please see what you can do for me.—"Subscriber," Ortonville, Michigan.

THIS appears to be another one of those so-called automobile service companies that are here today and gone tomorrow. From time to time we have cussed and discussed them in these columns. We wrote several letters to this company without any results but finally we had one returned to us marked, "Moved, left no address." That means that these Oakland county folks who fell for Mr. Smith's line of talk will have to charge it up to experience.

The "green paper" our subscriber received for his \$29.50 was not an insurance policy at all but a "certificate" from the "Cadillac Motorists Associated" informing him he was entitled to all benefits "as set forth

### WAS READY FOR THEM

NO doubt you will be interested to know in what section the linoleum remnant agents are working. They called here today but as we are subscribers to M. B. F. we didn't bite. I showed them our Protective Service sign and they were not nearly so persuasive. Also I asked them to unroll and measure the remnant I liked or made believe I liked. They said, "You don't intend buying anyway," and drove away. Thanks to your good work we know all about the crooks and swindlers who are traveling the country.—Mrs. R., Prescott, Michigan.

below for a period of one year from the specified date hereon." These "benefits" included a radiator emblem; towing service for a distance of ten miles, "given by official service station only;" a national towing service up to \$2; authorized him to summons the nearest station for first aid, change a tire or secure gasoline, providing the charge in any case was not over a dollar; free touring information; free information on refinancing his auto; furnish tires and tubes at a saving of from 5 to 50 per cent; save him at least 10 per cent on his garage bills; furnish a leather key case and identification card; a policy of insurance covering the owner for personal accidents and injuries "in

accordance with the policy issued;" and give him legal advice regarding the use, maintenance and operation of his car.

It is the same old story. Salesman claims that the company insures everything for a song and the victim hands over the cash without stopping to reason whether or not the company could do business so cheaply and not go to the wall. Then, if he eventually gets a policy, he finds that he has paid for a cheap personal accident policy only, plus some service that is of little value to him because there are no "official service stations" in his locality. Such concerns are constantly springing up and going out of business within a short time.

When you purchase automobile insurance go to an agent you know to be reliable and pay a fair price. It will be considerably higher than \$29.50 for two years for full coverage, but you will get something for your money, and that is more than "members" of the "Cadillac Motorists Associated" did.

### "COOPERATIVE SELLING"

In reading of the experiences under "The Publisher's Desk" in the August 4th issue, with these pay-as-you-enter sales organizations, I would like to relate an experience I recently had with the Cooperative Selling of Minneapolis.

About two months ago I placed an ad in the Chicago Tribune to sell this ranch. Among the many replies I received was a letter from the above mentioned company together with a form letter and form to fill out describing the property. This is quite a plan as you will note from the enclosures but here is one guy that did not bite. Instead, I filled out their description form, wrote a letter stating that if they were in a position to make disposition of the property I would gladly pay them a 5 per cent commission. To date I have had no word from Mr. Shepard (apparently the manager) and neither has he my five bucks. So that settles that.

The evidence is extremely manifest that these outfits are interested only in the initial payment. I sincerely hope that none of your readers or any Michigan farmers are suckers enough on bite on these five or ten dollar bill-baited hooks.—E. W. Allen, Oceana County.

NEIGHBOR ALLEN did a very good job when he applied the title "pay-as-you-enter sales organization" to these real estate listing concerns, and he did another good job when he refused to swallow their bait.

Cooperative Selling wants \$5 down and an additional \$20 when the property is sold. We wonder how many have been called upon to make the last payment. Several years ago we made a standing offer that if any of these listing concerns would furnish us with complete proof that they had sold a farm for any of our readers we would run their advertisement in one issue of M. B. F. at the head of the Publisher's Desk without charge to them. So far we have not been taken up.

If this company does have a waiting list of customers they certainly ought to accept Neighbor Allen's proposition, but we'll bet a year old bird's nest against a cracked mustache cup that they don't.

### UNCLE SAM TAKES COMMISSION MERCHANT IN HAND

THE Produce Agency Act is a federal law which became effective July 1, 1927. The chief purpose of the law is to protect growers and shippers against fraudulent accounting on consignments of perishable farm products received in interstate commerce. The penalty for violation of any provision of the act is a fine of not less than \$100 and not more than \$3,000, or imprisonment for a period of not exceeding one year, or both.

## A widow says: "Fortunately, I had good advice"



"ONE of the most fortunate things that ever happened to me," a widow says, "was that I had good advice at the time of my husband's death."

"The entire estate was in the form of life insurance, and a friend of mine who is a successful business man advised me that the wise thing for me to do was to invest the whole amount in good First Mortgage Bonds."

"I came to your company at that time because I knew your excellent reputation, and invested all my money as you advised."

"The result has been that I've received an income of over 6% on my money, which has enabled me to live very com-

fortably, and I've never had even a moment's worry

about my financial affairs.

"Every time I hear of how a widow has lost her money through unwise investment or fraud, I'm more than thankful for the good advice that sent me to you."

The First Mortgage Bonds offered by the Federal Bond & Mortgage Company are secured by well-located, income-earning properties. They yield 6%. They are offered by a house of the highest standing. We shall be glad to send you full details of our current offerings on receipt of the coupon below. This places you under no obligation.

## FEDERAL BOND & MORTGAGE CO.

Griswold Street at Clifford

Detroit

MAIL THIS COUPON TODAY!

Federal Bond & Mortgage Co., Detroit, Michigan

Please send me information on your current offerings.

(2146)

Name \_\_\_\_\_ Address \_\_\_\_\_

### The Business Farmer Editorial Ballot

Below we are listing several regular features or departments in the Business Farmer with a square opposite in which we will appreciate your indicating by number the ones you read regularly in the paper in the order of their importance. That is, if you like the serial story best, write the figure 1 in the square opposite that feature, the next choice should have the figure 2 in the space opposite, and so on. Any feature not listed which are desired may be written in the blank spaces.

This ballot will be published for several issues so that each member of the family may vote his or her preference. When the children vote their preference they should give their age, also. Be sure to sign your correct name and address and mail to the Editor of The Business Farmer, Mt. Clemens, Mich. Thank you.

- |                                |                                |
|--------------------------------|--------------------------------|
| ( ) Picture Page               | ( ) Collection Box             |
| ( ) Agricultural Teacher Chats | ( ) Dairy and Livestock        |
| ( ) Broadscope Farm News       | ( ) Veterinary Department      |
| ( ) Farmers' Service Bureau    | ( ) With the Farm Flock        |
| ( ) Bulletin Service           | ( ) Peter Plow's Philosophy    |
| ( ) Sermon                     | ( ) Fruit and Orchard          |
| ( ) Our Radio                  | ( ) Coming Events              |
| ( ) Serial Story               | ( ) Markets                    |
| ( ) "Here's How" Cartoon       | ( ) Weather Forecasts          |
| ( ) Where Our Readers Live     | ( ) Current Agricultural News. |
| ( ) What the Neighbors Say     | ( ) The Farm Garden            |
| ( ) Editorials                 | ( ) A Smile or Two             |
| ( ) Publisher's Desk           | ( ) County Crop Reports        |
| ( ) The Farm Home              | ( ) The Experience Pool        |
| ( ) The Children's Hour        | ( ) Our Book Review            |
| ( ) Song of Lazy Farmer        | ( ) Visited by Thieves         |
| ( ) Musings of Plain Farmer    | ( ) "Seeing Michigan"          |

Name \_\_\_\_\_ Age \_\_\_\_\_

Address \_\_\_\_\_

### The Collection Box

The purpose of this department is to protect our subscribers from fraudulent dealings or unfair treatment by persons or concerns at a distance.

In every case we will do our best to make a satisfactory settlement or force action, for which no charge for our services will ever be made, providing:

- 1.—The claim is made by a paid-up subscriber to The Business Farmer.
- 2.—The claim is not more than 6 mos. old.
- 3.—The claim is not local or between people within any distance of one another. These should be settled at first hand and not attempted by mail.

Address all letters, giving full particulars, amounts, dates, etc., enclosing also your address label from the front cover of any issue to prove that you are a paid-up subscriber.

THE BUSINESS FARMER, Collection Box, Mt. Clemens, Mich.

Report Ending August 6, 1928

Total Number Claims Filed ..... 3,244  
Amount Involved ..... \$36,438.99  
Total Number Claims Settled ..... 2,722  
Amount Secured ..... \$33,675.28



## A MILLIONAIRE PAUPER

By Bill Tarr

I'm supposed to be quite shiftless—  
Never have a cent to spare;  
Of the money men are making  
I have not corralled my share.

When I make an honest dollar,  
Somehow it will never stay;  
Someone always comes and gets it  
With a bill for me to pay.

Though I haven't any money,  
Still, I rate a millionaire;  
For I'm worth five million dollars—  
Have the assets, fair and square.

I have Sonny—he's a million;  
Sister's worth a million more;  
And a million dollar baby  
Croons and plays around our floor.

There is Mother—she's a million;  
Couldn't spare her; she's a peach;  
That's four million. You can't buy  
them

For a million dollars each.

And that million-dollar baby  
Has a million-dollar smile;  
That's the thing that keeps us going;  
That is what makes life worth while.

So I'm worth five million dollars;  
It's as plain as it can be  
I'm a millionaire for certain  
When my baby smiles at me.

Some of us have only money;  
Some have wealth beyond compare.  
If we'll only count our assets,  
Everyone's a millionaire.

## CANNING EXPERIENCES

I HAVE read in several publications this year about making a list of the number of quarts one needs to can of the various fruits and vegetables so as not to have a surplus of some kinds. May I give my idea of that?

It is obviously foolish to can things the family will not eat, but if one has plenty of a well liked fruit or vegetable it is just as foolish not to can it just because it may not all be used this year. I have kept all kinds of fruits and vegetables from two to four years with perfect success, except that four-year-old huckleberries were a bit soft. Next year the fruit or vegetable which is plentiful this year may be very scarce. Also if one puts up a large quantity of some one thing, it is usually possible to find ways to use it so it will not become tiresome and so it will save on the things of which one has less.

This year we will have plenty of summer apples but very few winter ones, so I shall fill a good many cans with plain, old fashioned apple sauce. I also shall can baked ones which are as good as the freshly baked ones. Here is my rule for doing them:

Choose those which will enter the can without difficulty, remove the blossom and bake slowly with very little water and no sugar until not quite done. Put in cans carefully (I use quart size) and fill with syrup. Process 10 minutes. When I wish to use them I put them in the warming oven an hour or so before the meal and they are easy to remove from the can.—Mrs. Florence L. Saunders, Grand Traverse County.

Our friends who visit us unexpectedly for a meal so often remark, "How do you ever get up such a good meal and so much of it in such a short time? I never have things on hand so I can."

We farm women just have to have things on hand, because it would be a waste of time and an expense to be compelled to go into town every day or two, and our pocket books do not seem to have enough money in them to supply us with dainties and "extras" to keep on hand for an emergency, so we must learn to use what we have and make the best of it. We can have just lots of good things to eat the year around, and things that are raised right here on our own farms if we just get down to good planning. We can also save a great many dollars by doing so.

Now is the time to put up a year's supply of garden vegetables. I have a family of six to cook for and we use from twenty-five to thirty quarts each of peas and beans. Greens are so tender and sweet now. Whenever I cook greens for the table, I gather a few extra. After the meal what greens are left I pack into a clean can, allowing the juice to cover the leaves and leaving about one-half inch space at top of can. Sprinkle with pepper, fill can with vinegar and seal. Greens are delicious parboiled, drained, then cooked in a small amount of water



## THE FARM HOME

A DEPARTMENT FOR WOMEN  
Edited by MRS. ANNIE TAYLOR

DEAR FOLKS: While you are reading this letter, I will be speeding northward on my vacation. Nestled down somewhere in the hills of northern Michigan there is a tiny, unpretentious town with a sonorous Latin name that will always mean "home" to me no matter how old I grow or how far I roam away from it. It isn't that I have spent so many years of my life there—I have lived far longer in that busy mart, Detroit—but it is the town where I was born and where I spent my early childhood, and the roots of old affections lie deep.

On one day of my visit, I shall follow a certain twisty woods road that I know until I find on the top of the highest hill an old, deserted farmstead that Nature is swiftly reclaiming for her own. What draws me there? The place is just a decaying ruin, you say, like so many others of Michigan's once fair farms. The windows of the house are sightless eyes, the porch is sagging and rotting, the boards of the floors and ceilings were long ago torn away by pilfering hands, even the stairs are gone. The old log barn, the woodshed, and the hen house are no more. The fence of the vegetable garden is nothing but a mass of broken pickets, and the gravel of the once well cared for walks has been scattered far and near. But there is still the remnant of an old fashioned flower garden where rose bushes grow in wild profusion, and beyond that on a westerly slope an orchard continues to bear its fruit—for whom? In the kitchen yard between two magnificent maple trees is the place where a swing used to hang.

The place is haunted with memories, and ghosts walk—or run and laugh and play, rather—under the cherry trees and all around the yard, a little girl in a red calico dress and a boy in blue overalls. A tall woman with snowy hair and a pretty one with laughing brown eyes occasionally come and go in and out of the house on woman's business. Out in the field beyond the vegetable garden a man shouts to his team.

The air is full of bird songs and it is pleasantly cool beneath the beeches and maples. The way back to town is long and hot. I will sit down on the stone pile that still guards the gate and rest a while and dream.

Your Friend,  
Mrs. Annie Taylor

Address letters: Mrs. Annie Taylor, care The Business Farmer, Mt. Clemens, Michigan.

and a slice or two of salt pork. Hard boil a few eggs, peel and drop into beet greens when they are nearly done. Heap in dish and dot with bits of lemon. Try a few tablespoonsful of thick, sour cream poured over Swiss chard just before serving. I know you will like them.—Mrs. Jesse P. Parks, Branch County.

## Personal Column

Hymns Requested.—Will you please ask our readers for these hymns for me? "Jesus of Nazareth Passeth By" and "Jesus is Looking for Thee."—Mrs. Florence Saunders, Grand Traverse County.

Where to Get Music.—I would like to know where I can get the music for the song, "No Disappointment in Heaven."—Mrs. Amy Moore, Berrien County.

## The New In Stoves

THE old order changeth, giving way unto the new." Even so with stoves! They, too, have changed. It used to be that a stove was the eyesore of any room. No matter how shiny and black they were and replete with nickel, they somehow succeeded in destroying whatever effect of charm and comfort we had labored to produce, and what a deep sigh of relief we breathed when the weather at last permitted us to take them down and store them out of sight. The new demand for color, harmony, and beauty in our homes is being carried out likewise in stoves. No longer do useful things need to be ugly.

Take the kitchen for instance. Even here the sunshine of color has penetrated to brighten and lighten woman's work. While formerly your choice was restricted to the old, dull black range, there are now ranges in beautiful delft blues, cool clean grays, rich apple greens, and lovely lustrous tans. What an opportunity for women to make their kitchens really attractive! How would you like to have a kitchen in blue with a blue range, a tracing of blue in the linoleum, blue chairs and table, and perhaps pale yellow curtains fluttering at the windows as a pleasing contrast of color? If you want to be original and different, you might choose a tan range, using as your color scheme tan and brown in the linoleum, yellow or orange in the curtains, and a dash of red here and there, say, in your kitchen pots and

pans. This would be a delightful way to dress up the kitchen that ordinarily tends to be dark and dreary.

Heating stoves have likewise undergone a revolutionary change within the past few years. They have been glorified and beautified beyond recognition. Modern heaters would never know their ancestors now—the antiquated base burner and the old oak stove—which they are gradually supplanting. Each year seems to bring new changes. If people are to have heating stoves in their rooms, because other heating systems are not adaptable or practical for their type of home, they are going to have heaters that will harmonize with their furniture. They demand beauty as well as sensibility. The modern heaters usually finished in a rich mahogany to correspond with living room furnishings have a distinctiveness all their own. Not only are they vastly better looking than the old type of heater, but they are cleaner and more efficient in every respect. Instead of heating just a corner or a small radius of a room, these new heaters give comfortable warmth to one and sometimes two or three rooms.

The change in heating and cooking stove styles is indicative of the trend toward the new higher standards of home life everywhere. The tremendous demand for new models reflects the desire, on the part of American women in particular, to beautify their homes and make them more comfortable.

## What To Eat

Cool Drinks.—This department this time should really be called "What to Drink," for these hot summer days a good cold drink interests us more than something to eat. Home-made milk shakes, lemonade, or other fruit drinks can be made on short notice if fruit sirups are kept in a cool place. The juices of almost any fruit may be used to flavor the drink, and sirups made of them, if kept cool, will last for several weeks.

To make the fruit sirups, boil two cupfuls of sugar with two cupfuls of water for fifteen minutes, then add two cupfuls of strained fruit juice, cover the sirup and simmer it for fifteen minutes. Pour the sirup into clean hot jars or bottles and store it in a cool place. If the bottles are sealed, the sirup will keep indefinitely. A few tablespoonsful of such sirup mixed well with a glass of ice-cold milk or water makes a refreshing drink in a few seconds.

## Klever Kiddies

One evening my daughter pointed up at the stars and asked my little granddaughter, "Look, can you see the dipper in the sky?"

Little granddaughter clapped her hands in enthusiasm and replied, "Oh, yes, Ma-ma, now show me the water pail."—Mrs. Wm. Casey, Sanilac County.

## Folks at Our House Like—

It would seem that "folks at our house" were especially fond of cookies, judging from the host of replies that were received in answer to Mrs. Denslow's request for a good recipe. Here are some of the ways offered to keep the cookie jar full.

Carmel Cookies.—2 cups brown sugar; ½ cup lard; 1 tsp. vanilla; 1 tsp. cream of tartar; 1 tsp. soda; pinch of salt; 4 cups flour. Mix sugar, butter, and vanilla; then add eggs and other ingredients. Mould into loaf and let stand over night. Slice down and bake. These are very good.—Mrs. R. W., Elsie, Mich.

Sugar Cookies.—2 cups sugar; ½ cup butter and lard mixed; 1 cup sour cream; 3 eggs; 1 tsp. soda; 1 tsp. baking powder; 1 tsp. vanilla; 1 tsp. lemon extract; flour enough to roll out. Cream sugar and butter; add sour cream with soda dissolved in it; add well beaten eggs and extracts; then flour and baking powder. When rolled out, sprinkle tops with sugar and bake in oven.—Mrs. Mable Armfield, Berrien County.

Dark Cookies.—2 eggs beaten well; 1½ cups brown sugar; 1½ cups lard; 2½ cups molasses; ¾ cup buttermilk; 3 level tsp. soda; 1 tsp. cloves; 1 tsp. ginger; 1 tsp. cinnamon; salt; flour to roll.—Mrs. G. W. Stocks, Sanilac County.

Light Cookies.—2 eggs beaten well; 2 cups brown sugar; 2 cups lard; 1 cup buttermilk; 1 tsp. soda; 1 or 2 tsp. lemon extract; salt; flour to roll.—Mrs. G. W. Stocks, Sanilac County.

Cookies.—1 qt. molasses; 1 qt. sour cream; 1 lb. currants; 15c citron; 4 lbs. brown sugar; ½ lb. walnut meats; 1 tsp. cinnamon; 1 tsp. allspice; 1 tsp. cloves; 4 tsp. soda; stir quite stiff with flour; let stand over night, roll out in morning and bake.—Mrs. H. J., Oakley, Mich.

Swedish Cookies.—1 cup butter; two-thirds cup sugar; egg yolks, ½ tsp. almond extract; 2½ cups pastry flour. Cream butter, add sugar gradually, add well beaten egg yolks, flavoring, and flour. Mix thoroughly, chill, and roll.—Mrs. H. J., Oakley, Mich.

Jam Cookies.—3 cups sugar, 3 eggs, ¼ cup shortening; 1 cup sour milk; 1 tsp. soda; 4 tsp. baking powder; flour to roll, vanilla or nutmeg. Mix and roll dough thin. Cut and lay in baking pans. Put a teaspoonful of any kind of jam or raisin filling on each; place another cookie on top and press down the edges. Bake in hot oven.—Mrs. H. J., Oakley, Mich.

Filled Cookies.—1 egg; 1 cup sugar; ½ cup shortening; ½ cup sweet milk; 1 tsp. vanilla; 1 tsp. soda; 2 tsp. baking powder; salt; 3½ cups flour. Filling.—1 cup chopped raisins; 1 tsbp. flour; ½ cup sugar; ½ cup water; ½ cup walnut meats if desired. Cook mixture until thick. When cold, roll out cookie dough thin, and cut. Put on filling, place another cookie on top, and bake.—Mrs. S. A. Rose, Calhoun County.

## Favorite Songs

## PUT MY LITTLE SHOES AWAY

Mother dear, come bathe my forehead  
For I'm growing very weak,  
Let one drop of water, Mother  
Fall upon my burning cheek  
Tell my loving little school mates  
That I never more will play,  
Give them all my toys, but Mother  
Put my little shoes away.

## CHORUS:

I am going to leave you, Mother,  
So remember what I say:  
Do it won't you please, dear Mother,  
Put my little shoes away?

Santa Claus he gave them to me  
With lots of other things,  
And I think he brought an angel  
With a pair of golden wings.  
Mother, I will be an angel  
By perhaps another day  
So you will then, dearest Mother,  
Put my little shoes away.

Soon the baby will be larger  
Then they'll fit his little feet  
And he'll look so nice and cunning  
As he walks along the street  
Now I am growing very tired  
So I'll say to all good-bye  
Please remember what I tell you,  
Put my little shoes away.

## WOMEN'S EXCHANGE

If you have something to exchange, we will print it FREE under this heading providing: First—it appeals to women and is a bonafide exchange, no cash involved. Second—it will go in three lines. Third—you are a paid-up subscriber to The Business Farmer and attach your address label from a recent issue to prove it. Exchange offers will be numbered and inserted in the order received as we have room.—MRS. ANNIE TAYLOR, Editor.

208.—Fine pedigree female police dog for Jersey heifer or what have you?—Mrs. O. Lalonde, Oscoda, Mich.



## Homespun Yarn

An ironing board is made twice as useful if a turkish towel is pinned at one end to use when ironing over embroidery work and buttons.

Crisp foods like toast, celery, or raw cabbage for children give the teeth exercise and encourage good digestion.

Dirt and perspiration are the chief enemies of silk. They cause the fibre to break down and wear out.

**Aunt Ada's Axioms:** Planting flowers round the home means planting seeds of beauty in the souls of the dwellers within that home.

A potato ricer is handy, not only for mashing potatoes, but also for straining applesauce or cranberry jelly.

When the family washing has to be dried in the house, wooden coat hangers will more than double the capacity of the line.

**Aunt Ada's Axioms:** The "only child" is spoiled only when its parents lead it into selfishness.

Good teeth come as much from the right foods as from good care. Milk, vegetables, fruit, and whole cereals are necessary.

If the youngsters do not have a hot lunch at school, soup, cocoa, or any other cooked food may be packed in a glass jar and put in the lunch box, for it will heat easily in a flat pan of water on the school stove.

## Aids to Good Dressing



## SHOPPER'S NOTEBOOK

The beret is new again. It takes on various forms, but fundamentally it is a sort of skimpy tam-o-shanter in shape, moulded and draped to suit your fancy or the milliner's.

Dresses will be flounced and tiered, ruffled and flared this fall; but coat lines will fall straight for the most part with now and then an ever-so-slight flare.

The backs of our dresses have been until recently exceedingly plain, but now trimming details are being used there as well as in front.

The ensemble will remain the strongest and most important fashion this fall.

Sh! What do you know? We heard that in Paris and New York the ultra-fashionables are wearing shiny black gloves to match their patent leather shoes.

## PATTERNS

**6222.**—Are you planning your fall wardrobe? Well, here is a smartly good looking dress that should take your fancy. It will be just the thing, too, for the girl going away to school. An economical feature in favor of this dress is that it can be made from two old dresses, or using old material for the skirt, new may be bought for the blouse. Almost any kind of material, except those that are thin and "pully," will adapt itself to this model.

Cut in 3 sizes: 16, 18, 20. Size 18 will require 2 yards of figured material and 1 1/2 yards of plain material 39 inches wide. The underbody of lining will require 1 yard 32 inches wide.

**6231.**—And here's a dress for daughter! Becoming as well as practicable and suitable. A good dress with which to finish off the summer and start school this fall. Plaid materials such as serge, woolen, or gingham will be best suited to this design, although printed linen, wool jersey, cotton or wool crepe may also be used advantageously.

Cut in 4 sizes: 6, 8, 10, and 12 years. A 12 year size requires 3 1/2 yards of 27 inch material with 1/2 yard of contrasting material.

## BE SURE TO GIVE SIZE

**ALL PATTERNS 13c EACH—  
2 FOR 25c POSTPAID**

ADD 10c FOR FALL AND WINTER  
1928-1929 FASHION BOOK

Order from this or former issues of The Business Farmer, giving number and sign your name and address plainly.

Address all orders for patterns to

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THE BUSINESS FARMER

Mt. Clemens, Mich.

If stockings are washed each time after they are worn, they will wear longer.

Electric toasters may be cleaned quicker with a small dry paint brush than with a cloth.

**Aunt Ada's Axioms:** The household martyr doesn't realize that everyone else gets less than the martyr does.

Mattress covers made of unbleached muslin are easy to remove and easy to launder. They protect the mattress and save cleaning the whole thing.

The use of whole wheat flour need not be confined to making bread. Rolls, coffee cakes, nut bread, griddle cakes, and even cake and cookies are varied and improved when part of the flour is whole wheat.

## MUSINGS OF A PLAIN FARMER

By A. P. BALLARD

(Our Plain Farmer has had to step to one side for his wife, Mrs. B, to have her say this issue. Most of our wives will notice that Mrs. B paints a word picture of Mr. B that resembles what they have in their own minds of their husbands, for which we menfolks can be thankful. If she had made him one of those perfect men, well it would have made life rather hard on us.—Editor.)

**T**HIS is grocery night and a trip to town. There will be confusion, as always, getting four girls and one man ready for the street.

Now girls, we must hurry and be ready when your father is. Stack the dishes! We'll wring no dish-cloth tonight. I have arranged your clothes out and you should soon be ready.

Don't be walking from room to room with a chorus of where's this and where's that! I want a little time to powder my own nose and adjust my silvery hair.

What? A run in your stocking! When did that happen? I would get you a new pair tonight but we are purse bound and a large order of groceries to get. Threshers next week, you know, weather permitting.

And Evelyn has lost the only button that was ever on her shoe. What next?

Your handkerchiefs are in the box where they always are. When are you going to learn to get yourselves dressed properly? Don't shout "Ma" again for at least five minutes.

Your father has started to strop his razor and will soon be ready.

He completes his toilet by shaving and buttoning his shirt collar. Then goes out, kicks the four tires on the car, and starts to yell, "Hurry up!"

I must look him over along with you children. He sometimes leaves lather behind his ears.

Well, we are started at last without any great annoyance. I always relax in an auto away from the work.

The lights of a busy small town. "Where will we park?" I inquired of the Mr. "Looks like we will have to go back home to park," said he. But he dodged in a hole close to main street.

Now for a busy hour buying the necessities of life. Mr. B intrusts me with the purse and the judgment of every purchase for the home. All he buys is a Sunday paper and his week's supply of tobacco. Sometimes I think he does it to get away from family cares. His excuse is that he forgets what I want and loses the list I always give him.

Anyway when the crowd begins to thin out and the hour is late we always have to drag him from a group of his fellow farmers at the hardware, where they are usually discussing alfalfa, cow testing, the weather, or farm relief.



## PLOW AT SEVENTY-EIGHT

J. H. Smith is 78 years old but that doesn't stop him from following the plow just as well as any other man many years younger. He works for Mrs. Henrietta Bakker, of Ottawa county.

## Copeland

DEPENDABLE ELECTRIC REFRIGERATION

—and the  
ESCO  
MILK COOLING  
CABINET

In the combination of Copeland Dependable Electric Refrigeration and the ESCO Milk Cooling Cabinet, dairies and individual farmers will find the solution of their Milk Cooling and Temporary Storage problem.

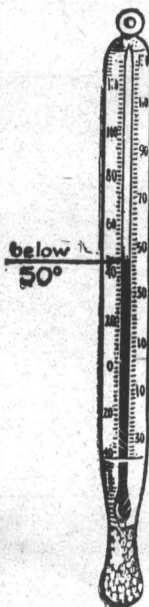
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Adaptable to Any  
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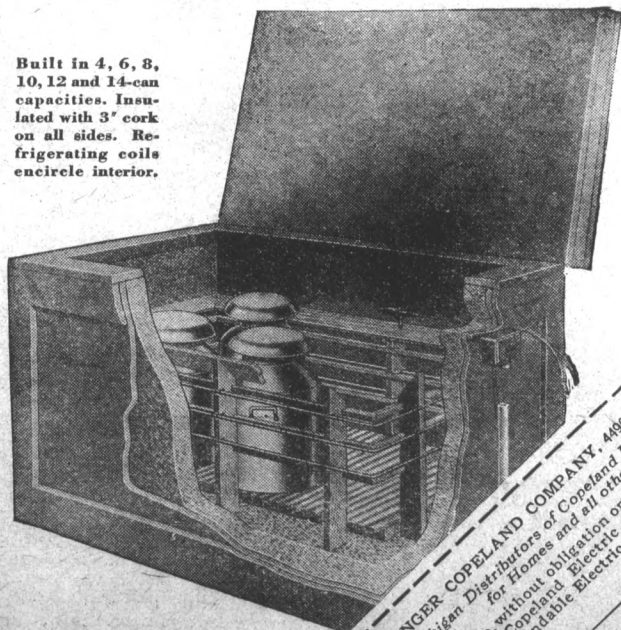
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Please send me, without obligation on my part, complete information about ESCO-Copeland Electric Milk Cooling Cabinets or Copeland Dependable Electric Refrigerator for the home.  
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## A Corn Harvester Now for only \$25

The Ziegler Corn Harvester, now selling for only \$25.00, offers an easier, quicker, better, safer way of harvesting corn. It is being used by thousands of farmers in all parts of the country with amazing success. One horse can pull it, one man can run it. It cuts tall or short corn, cane or kaffir as fast as a horse can walk. Has bundle tying attachment. Write Ziegler Harvester Co., Dept. 140, Salina, Kansas, for a free catalog showing picture of harvester at work in the field, or better still, send in your order for one now. Shipped by express or freight. This is a thoroughly reliable company, in business over 30 years.



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## Chronic Asthma and Cough for 15 Years

Entirely Rid of It Now. Cough Gone. Relieved in One Week.

A letter written by Mrs. Ellen Wilson, Irving, Ill., has a real message for asthma and bronchitis sufferers. She says: "I contracted asthma 26 years ago. For the past 15 years, I have had chronic asthma and a bad bronchial cough. I tried all kinds of medicine, with no real improvement. I coughed so hard I became very weak, and had severe pains. In November, 1924, I began taking Nacor, and in less than one week I was very much relieved. By February my cough and asthma were gone. Now (March 18, 1925) I need no medicine, and have no asthma at all."

You will enjoy reading many other letters from people who recovered after years of suffering from asthma, bronchitis and chronic coughs, and have had no return of the trouble. These letters, and booklet of vital information about these diseases, will be sent free by Nacor Medicine Co., 590 State Life Bldg., Indianapolis, Ind. No matter how serious your case, write for this free information. It may lead you back to health, as it has thousands of others.

# SOLD!

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Mount Clemens Michigan

## The Children's Hour

DEAR BOYS AND GIRLS: I guess you are getting too good for me on the contests because almost everyone who has written so far since the last issue has solved the "Bird" contest. The first one to send in the correct answers was Myra Lowe, of Dansville, and she received a water color and crayon outfit. Daniel Shelter, R. 2, Bay Port, was second and he got a pocket set of a comb and nail file in a leather case. If Daniel has as hard a time keeping his hair combed and nails cleaned as I did when I was a boy I am sure this outfit will come in very handy. A boy won third prize also, a Lindy Flying game. Ralph Hart, R. 3, Bay City, was the lucky one. Fourth prize, a silver chain necklace with bluebird pendant, went to Retha Margaret Smith, R. 2, Rushton.

Of course you are all interested in the names of the birds, so here they are: 1, Kingfisher; 2, Robin; 3, Parrot; 4, Nightingale; 5, Sandpiper; 6, Lark; 7, Swallow; 8, Flamingo; 9, Dove; 10, Partridge; 11, Woodpecker; 12, Bluejay. Did you get all of them right?

As for the next contest, John Vlock, R. 2, Carleton, suggests, "Let's have a word manufacturing contest, that is the ones who can make the most words from the title 'Children's Hour Club'." That seems like a pretty good idea to me so we will try it. The idea of the contest is to see who can make the most words from

### CHILDREN'S HOUR CLUB

without using any letter more times than it appears in these three words. For example, you have only one letter "E" so any word with more than one "E" in it will not count. On the other hand you have two of the letter "R" and can make up words containing one "R" or two but not more. Four Mystery Prizes will be given and the contest closes August 25th. Any letter received after noon of that date can not be considered. Now let's see how good you are at making up words.—UNCLE NED.

### Our Boys and Girls

Dear Uncle Ned.—Seeing that some of the cousins are giving their opinions on "The Modern Girl" I will, too. I think that "Wild Flower in Full Bloom" is a bit too wild.

I think the boyish bob or the wind-blown bobs are very nice for girls and young women but not for elderly women. Smoking is not healthy, but for girls it is not healthy or lady-like. I think movies or shows are all right if they are decent ones, but public dance halls are no place for young girls, especially if they are not escorted. Knickers are just the thing, not only at home but for hiking and camping.

Also "Wild Flower" you may be right when you say you have lots of friends, but what kind? Any of us can have friends, and boy friends, too—yes, lots of them—but we want decent, polite and manly friends.

As for youth, I think we can enjoy ourselves without being "wild" or going to public dances, and I think old folks have very interesting problems and enjoy themselves as much as young folks do, only in another way.

As for powder and paint, I will not say much as I use them myself, but I do think that some girls look better without it.

Come on, boys, give us your opinion.—Dorothy Hoffman, R. 2, Saginaw E. S., Mich.

—You seem to be quite a sensible, yet modern girl, Dorothy.—Uncle Ned.

Dear Uncle Ned.—I have been reading the M. B. F. for some time and enjoy the letters very much. This year was my first in high school and I didn't have time to write.

I disagree with some of the letters about bobbed hair, smoking and drinking, but if a girl wants to drink and all those bad habits that is her business, isn't it, Uncle Ned? I know for my part I don't like to see any decent girl drink or smoke, but there are some that do.

And as for bobbed hair I think it is perfectly all right. I have had my hair cut for about 6 years and during that time I had a boyish bob. I don't like that but some girls look good in it. I didn't, so let it grow out to the bottom of my ears. Then I had it so I could do it up and about two weeks ago I had my sister cut it off. My mother also has her hair bobbed, and all my sisters.

Also if a girl is out with a crowd of young people and she doesn't drink but they do, she doesn't have to just because

they ask her to. They will think a lot more of you if you refuse. Your niece.—Lydia A. Green, R. 2, Millington, Mich.

—Your idea regarding drinking just because the others do is perfectly right. The easiest thing in the world is to be weak and do as others do. It is the leaders who think and do for themselves because they believe it is right, rather than because some folks think so.—Uncle Ned.

Dear Uncle Ned.—I am writing to tell you about a linoleum man who came to our place today. He had some linoleum that he wanted to sell. He wanted \$8 for a piece about 10 feet long and 6 feet wide. Mother told him she didn't want it but he wanted her to take it just the same and offered it for \$7. Mother told him "No," that papa was away to Hillman and we didn't have any money with us. So he went away.

He had a funny looking truck. It had a small house on it. I watched him as he went out. He put the linoleum in his truck and went near the tool shed and



"FIDO"



"SAMBO"



"WITCH"

### THIS IS FUN

Elaine Wolfgang, of Wheeler, sent these nameographs to us. Aren't they very clever? Notice how she used the letters in Fido's name to draw a picture of him. I'll bet it looks just like him, too. And look at the negro boy, Sambo. And the witch. Do you think you could do as well? Try using the letters of some other words to make pictures just as Elaine did. You will find it hard to find words that will work well in making pictures of what the words represent, but it is great fun.

picked up something, I am sure. I told mother and she watched him. A chicken was by his truck and he grabbed at it but didn't get; lucky for the chicken.

I am nine years old, in the sixth grade and getting along fine.—Grace Squires, R. 1, Hillman, Mich.

Apparently that man intended to steal one of your chickens if he could catch it. It might be that he sells linoleum during the day time to find a good place to rob the chicken coops at night. Has anyone missed chickens in your neighborhood since he left?—Uncle Ned.

### Tongue Twisters

A day or two ago, during a lull in business, two little bootblacks, one white and one black, were standing at the corner doing nothing, when the white bootblack agreed to black the black bootblack's boots. The black bootblack was of course willing to have his boots blacked by his fellow bootblack, and the bootblack who had agreed to black the black bootblack's boots went to work.

When the bootblack had blacked one of the black bootblack's boots till it shone in a manner that would make any bootblack proud, the bootblack who had agreed to black the black bootblack's boots refused to black the other boot of the black bootblack until the black bootblack, who had consented to have the white bootblack black his boots, should boot had been blacked refused to do, saying it was good enough for a black bootblack to have one boot blacked and he did not care whether the boot the white bootblack hadn't blacked was blacked or not.

This made the bootblack who had blacked the black bootblack's boot as angry as a bootblack often gets and he vented his wrath by spitting upon the blacked boot of the black bootblack. This roused the latent passion of the black bootblack and he proceeded to boot the white bootblack with the boot which the white bootblack



### DRAWINGS SENT IN BY MEMBERS

Here are just a few of the many drawings entered in our recent contest. More will be published from time to time as space permits. Second, third and fourth prize drawings appear in the top row.



### A GOOD RECORD

G. P. Bailey, 13 year old son of Andrew Bailey, Eau Claire, passed the 7th grade this year and completed five consecutive school years without a single absent mark. Isn't that a record to be proud of?

had blacked. A fight ensued in which the bootblack who had refused to black the unblack boot of the black bootblack blacked the black bootblack's visionary organs, and in which the black bootblack were all the blacking off his blacked boot in booting the white bootblack.—Louise Aldrich, R. 3, Vermontville, Mich.

### Riddles

What is the difference between a hill and a pill? One is hard to get up and the other is hard to get down.

Why does a rooster shut his eyes when he crows? Because he knows the song by heart.—Helen Jutila, Box 674, Negaunee, Mich.

What is the difference between a soldier, an old maid, and the Amazon River? The soldier faces the powder, an old maid powders her face, and the Amazon River—that's where the suckers bite.—Velma Moore, R. 1, Lake City, Mich.

### Jokes

#### SOMETHING WRONG

Dick: "That match you gave me won't light."

Gus: "That's funny. It lit for me 5 minutes ago."—Martha Louise Scott, R. 4, Marshall, Mich.

#### VERY HUNGRY

He: "Little girl, are you hungry?"  
She: "I'm so hungry I have a cavity no dentist can fill."—Mildred Altenbernt and Nellie Stoll, R. 1, Box 63, Ann Arbor, Mich.

#### THEN MAMMA BLUSHED

Man in street car, giving pinch to fat little leg of small boy sitting next to him: "Who has nice fat legs?"  
Small Boy: "My mamma."—Irene Schwenk, R. 5, Grand Rapids, Mich.

### A Game to Play

#### A VOCABULARY GAME

HERE is a game to play at a party or at home. One player begins, "I like a man who is amiable and affable"; then the second continues, "bright and breezy"; and the third "cute and clean." The fourth person must take D, the fifth E, and so on until Z is reached. Of course it is difficult to think of anything for X and Z, and those who have these letters are the unlucky ones.

The most amusing way of playing this game is to play it as fast as possible, each player bringing out his two words in flash without thinking; but remember that the qualities must be good, such words as "abominable" or "bad" not being accepted. Those players who cannot think of their two words within a stated space of time must pay a forfeit at the end of the game. It is a splendid game for improving one's vocabulary.





## BREAD

A NON-SECTARIAN SERMON BY

Rev. David T. Warner

(If there is any questions regarding religious matters you would like answered write to Rev. Warner and he will be pleased to serve you without charge. A personal reply will be sent to you if you are a paid-up subscriber.)

TEXT: "I am the bread of life." John 6:35.

WIFE and I had been taken through one of the big flour mills in Minneapolis. We had seen the wheat machined and processed to death, as we thought. We said to the old and experienced miller, "It seems to us that you take about all the good out of the wheat." "Well," said he, "that is about what we do." "But why do you do it?" Housewives and bakers demand this patent flour," he replied, "and so we make it." But he quickly rejoined, "We do not use it at our house. Come with me and I will show you what we use." We were shown a genuine whole-wheat product. Here was bread-flour that satisfies; real manna for the body.

The prelude to our text is a miracle. The evening sun is gilding the Western hills. A hungry multitude lingers. The disciples are anxious; they would have the crowd sent away; there is no food. But presently, a few loaves and fishes are found; the new Rabbi is looking toward heaven; He is giving thanks; and the food is increased until "all ate and were filled." The tired and hungry men, women, and children are fully supplied. This is a picture of the refilling power of Jesus Christ; of his ability to sustain life.

How adaptable and satisfying is the whole bread of the Gospel! The Galilean fed the five thousand without respect to race, nationality, or religion. This is significant of the world's need; but also that this need is satisfied only in the Bread Sacrament, Christ. "From Greenland's icy mountains to India's coral strands," only Christ can satisfy the common

Jesus is the Bread. But in the miracle in Galilee the disciples distributed this bread to the multitude. Ah, this is always the Christian's mission. Not without us can Christ feed the world. What kind of loaves are you handing out? Is it the original Bread of Life? Or is it highly milled by a special denominational process? Said Miss Blank to the writer, "When I first went to the foreign field I was instructed by my mission board to fill up OUR church. But, O, when I saw the terrible hunger of the people I could do nothing but feed them the bread of Jesus." Right! No matter what our church,

the interests and salvation of all peoples converge upon the solemn duty of feeding them this Bread. But what about the church? Well, the church organization will follow as an irresistible result; but, it will take on the incidental colorings of its own time, geography, and race, as it ought to.

But Philip thought it couldn't be done. The multitude was too great. There wasn't enough bread that everyone might take a little. It is even so now. The disciple of little faith is saying, "Who is sufficient for these things?" And isn't it true that could this generation's sins and tears and sufferings be concentrated and viewed at a glance, the stoutest heart would tremble. But herein is the mercy of the Lord. We are not permitted to see the sins of society massed. (We should be shocked to see our own thus uncovered.) and so we go on in our God-given task of simply feeding Bread to individuals. Walks and talks in the name of Jesus are manna for a hungry community. This is the "greater works" to be done by all Christians. In doing

this work we prove the glory and utility of the church.

Yes, you should belong to your community church. (And one church is enough). And be an active member. Not active in "knocking" but in making the church a dispensary of the True Bread. This is your community's greatest need. Without it, it will stagnate. Maybe it has already. Go out to that pool of dead water. See the green scum on its surface. Is that like the soul of your community? Why? Go out to the running brook. See the clear, sparkling water. Is that like your community? There's a reason. Thirsty souls are being slacked. Hungry hearts are being fed. There is a church at the center which has the spirit of Jesus who is the bread of life. Help it along! This is your daily bread if you only knew it. It makes life worth living. It brings heaven to your neighbors.

I wish to thank you for helping me get my silverware. I received it January 24th. I don't think I would have without your assistance.—I. M. L., Summer, Mich..

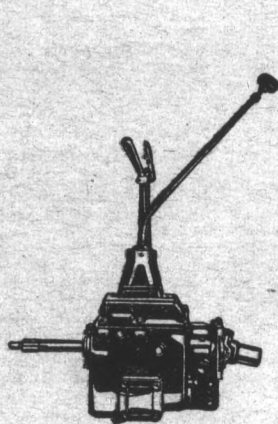
## CAN'T GET ALONG WITHOUT IT

DEAR EDITOR:—I think it is about time that I gave this paper credit. We have taken M. B. F. for over a year and we like it fine. There are nice stories for the little folks, recipes for the farmer's wife, and market reports, and in fact everything imaginable that is of great interest to all. We simply can't get along without our Business Farmer.—Mrs. A. E. Hickmott, Oakland County.

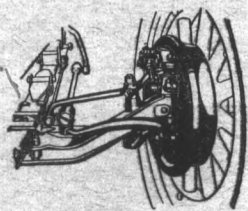
spiritual hunger. But men have so machined and processed the Gospel to a perverted taste, that the modern brand that is put on the market is muchly void of essential nutrients and vitamins. A great English physician has said that the white bread that most folks demand is no slight cause of cancer. Similarly, we are a starved, rickety, and diseased generation because we have demanded and accommodated Gospel, a religious bread accommodated to our pampered appetites instead of to our essential soul hunger. Our churches have thrown down to them no greater challenge today than that of a united understanding and effort in toning tastes for the Living Bread. Spiritual dyspepsia is appalling! Let us away with religious condiments and feed on the Manna from Heaven! But it is encouraging that we have begun to recover. Natural hunger is returning; that gnawing for the Bread that satisfies. We gladly hail the day when a spurious bread is being abandoned, when the loaves of mistaken prophets are being thrown away, and when we have begun to recultivate a taste for the natural food of the Spirit. This is the time to revamp our religious machinery so that it will turn out the True Bread of hungry masses. Perhaps, in our neglect to do this, we have been more weak than unwise. That veteran missionary, Stanley Jones, says "Our churches are made up of people who would be equally shocked to see Christianity doubted or put into practice." This is a pungent indictment of the complacency of American Christianity. Let us have more efficient and faithful distributors of Bread!

See the *New*

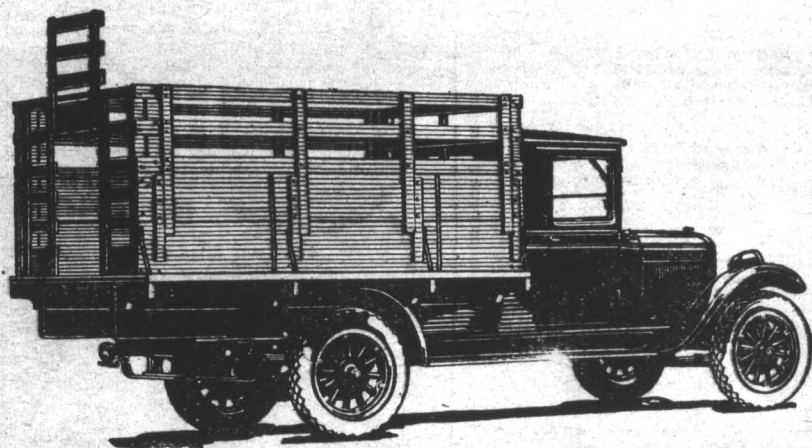
## UTILITY TRUCK



A new four-speed transmission in the new Utility Truck assures the proper power application for every road condition. The extra-low-speed gear provides maximum pulling power on heavy roads or steep grades.



Big, non-locking 4-wheel brakes of the mechanical type are standard equipment on this new truck. The emergency brake on rear wheels is entirely independent of the foot brake system.



## Body Styles Adapted for Every Farm Requirement

Visit your Chevrolet dealer today and see the new Chevrolet Utility Truck! You will find that it offers everything you could possibly want in a haulage unit for the farm—unusual pulling power—remarkable performance—generous road clearance—and outstanding economy of ownership and operation.

Furthermore, there is a wide

selection of body types designed by leading commercial body builders especially for use on the farm—combination stock and grain racks... grain box equipped with Comstock endgate... stake and platform bodies... as well as special bodies for every haulage purpose.

See this sensational truck today! Your Chevrolet dealer will gladly arrange to give you a demonstration.

CHEVROLET MOTOR COMPANY, DETROIT, MICHIGAN  
Division of General Motors Corporation

World's Lowest Priced Truck  
with 4 speeds forward and 4-wheel brakes

Chassis Price only \$520 f.o.b. Flint, Mich.

WORLD'S LARGEST BUILDER OF TRUCKS



## THE RESULTS OF FAIR DEALING

Cash Business of \$830,000 Written the First Six Months of 1928. On August 30 the Company will have Completed Thirteen Years

With fair dealing the volume of business of the insurance company has increased each year. The company has taken the lead in state wide business in writing automobile insurance and has given service and satisfaction to its members. Over \$5,000,000 paid in claims with total assets on August 1, 1928 of \$975,779. Eighty-five per cent of all automobile insurance written in Michigan is written by home companies. It is of advantage in serious claims to be able to take up the matter with the home office. This company is located so that you can drive to the home office from any part of the state in a few hours.

It will pay, therefore, to see the local agent or write to Wm. E. Robb, Secretary of

THE CITIZENS MUTUAL AUTOMOBILE INSURANCE COMPANY  
Howell, Michigan

### SOFT BUNCH OR BRUISE

on ankle, hock, stifle, knee, or throat is cleaned off promptly by Absorbine without laying up horse. No blister; no pain; no hair gone. At druggists, or \$2.50 postpaid. Describe your case for special instructions. Valuable horse book 8-S free.

A satisfied user says: "Colt's knees swollen four to five times normal size. Broke and ran for two weeks. Now almost well. Absorbine is sure great."

**ABSORBINE**  
TRADE MARK REG. U. S. PAT. OFF.  
W. F. YOUNG, Inc. 369 Lyman St., Springfield, Mass.

Ship Your Dressed Calves and Live Poultry to

**Detroit Beef Company**

OLDEST AND MOST RELIABLE COMMISSION HOUSE IN DETROIT  
Write for new shippers Guide shipping tags and Quotations.

**Detroit Beef Co.**  
1903 Adelaide St., Detroit, Mich.

**NEWTON'S Compound** Heaves, Coughs, Conditions, Worms. Most for cost. Two cans satisfactory for Feaves or money back. \$1.25 per can. Dealers or by mail. The Newton Remedy Co. Toledo, Ohio.

### COAL

KENTUCKY HOT FLAME in carload lots delivered to your station at attractive prices. Best quality guaranteed. Farmer Agents Wanted. Send for circular. Theo. Burt & Sons, Box 20, Melrose, O.

Advertising in the  
**BREEDER'S DIRECTORY**

brings results, according to reports from breeders who use it!

Have you tried it?

THE BUSINESS FARMER  
Mt. Clemens, Mich.

WRITE FOR  
**FREE**  
BULLETIN  
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Telling about  
**NEMA**  
WORM CAPSULES

(Chemically-tested Tetrachlorethylene)

For Killing  
Roundworms, Hookworms  
and Stomach Worms

in  
Hogs, Sheep, Goats,  
Poultry, Dogs and Foxes

Safe and Sure  
Quick Action—No Losses  
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Nema Capsules at your Drug Store  
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ANIMAL INDUSTRY DEPT. OF  
**PARKE, DAVIS & CO.**  
DETROIT, MICH., U. S. A.  
CANADA, WALKERVILLE, ONT.

### LAMB FEEDERS ATTENTION

Idaho feeding lambs are available every day on the Chicago market now, and will be through the months of July, August and September. We are the largest handlers of range sheep and lambs on the Chicago market, and are in position to fill your orders every day on the market at prevailing market quotations. We are in position to ship you graded and uniformed feeding lambs, which is a most important factor in the purchase of feeding lambs. Every lamb in the load the same quality and weight. You know what this means when these lambs are placed back on the market for sale when fat. It means from twenty-five to fifty cents per cwt. more price from the packer. You can obtain these kind of feeding lambs through this firm at no greater cost than you can obtain inferior feeding lambs elsewhere. Well sorted lambs, and the best that grow, can be obtained through this firm, and we shall be very glad to have your order and same will have our most careful attention. You do not have to pay your draft at your BANK till you inspect your lambs which we will ship you on YOUR ORDER, and find them to be just as represented. "You have much to gain and nothing to lose."

**WOOL GROWERS COMMISSION CO., INC.**  
F. W. Shurtz, Mgr., Feeder Dept.  
UNION STOCK YARDS CHICAGO

### Rheumatism No More

**RHEUMA-NON (CAPSULES)**

for 44 years has been used for the treatment of Neuritis, Sciatica, Lumbago, Gout and all other forms of rheumatism with positive results. Three weeks treatment for \$2.50. Manufactured and distributed by Rheuma-non Company, 2217 Jefferson East, Detroit, Mich. Mail orders given prompt attention. Dept. 201.—(Adv.)

## DAIRY AND LIVESTOCK

(We invite you to contribute your experience in raising livestock to this department. Questions cheerfully answered.)

### HOLSTEIN FIELD DAY

FRIDAY, August 24th, is the date set for the sixth annual summer get-together of Michigan Holstein folks. Our host will be Joseph H. Brewer, owner of Blythefield Farm, which is located on U. S. 131, just across the Grand River bridge, about 9 miles north of Grand Rapids, or 6 miles south of Rockford. Those driving on M44 should turn south about 2 miles from the junction of the road with 131.

The program includes lunch at noon furnished by Mr. Brewer, demonstrations on the herd by J. E. Burnett, Director of the Bureau of Animal Industry for the State of Michigan, and a varied program of sports and contests open to everyone.

The usual plan of only one speaker will be adhered to. The Superintendent of advanced Registry for the Holstein-Friesian Association of America—our own H. W. Horton, Jr.—will talk on the new Holstein herd test, "The Holstein-Friesian Registry."

A headliner in the Blythefield herd is "Florence," the cow that recently completed a yearly record of 1,279 pounds of butter, well over 1,000 pounds of butterfat! She is the third Michigan bred cow ever to make such a large record. Among her stablemates are two others over 1,000 pounds of butter and several now on test headed toward such records. Eight cows have made seven-day records of over 30 pounds of butter, one yielding over 40 pounds. In fact every mature cow in the herd has met the Blythefield standard of 25 pounds. This herd stood fifth highest in the U. S. A. last year in proved production.

The day is planned so that Holstein folks can get acquainted with one of the very best herds, can enjoy a good visit, and a short program of education and fun.

Remember! Friday, August 24th, at Blythefield Farm.—J. G. Hayes.

### IMMEDIATE OUTLOOK FAVORABLE FOR SHEEP INDUSTRY

INCREASED marketings and slaughter of lambs, accompanied by an improved consumptive demand for lamb, and a continued good world demand for wool are indicated during the next 9 months, according to the mid-summer sheep and wool outlook report of the Bureau of Agricultural Economics, United Department of Agriculture. With reference to the long-time outlook the bureau says "sheep production in the United States has been rapidly expanding and suggests the need for considerable caution in regard to further expansion."

### OUTLOOK FAVORABLE FOR HOG INDUSTRY

A FAVORABLE outlook for the swine industry during the next two years is indicated by the mid-summer hog-outlook report of the Bureau of Agricultural Econo-

mics, United States Department of Agriculture.

"The supply of hogs that will be available for market during the next 12 months," says the bureau, "is expected to be considerably less than during the 12 months just passed, and indications are that both the domestic and foreign demand for pork products will show some improvement. A hog production maintained at the level of 1925 and 1926, representing an annual inspected slaughter of about 42,000,000 head or some 6,000,000 less than the indicated slaughter for the crop year ending October 31, 1928, promises the best returns to the producers of both corn and hogs."

### E. L. ANTHONY HEADS M. S. C. DAIRY DEPARTMENT

THE dairy department at M. S. C. has a new head. Prof. Ernest L. Anthony, for the last seven years head of a similar department at the University of West Virginia, has accepted the position recently left vacant by Prof. O. E. Reed, who has been made chief of the bureau of dairying of the U. S. Department of Agriculture. Prof. Anthony graduated from the University of Missouri in 1910, and received his Master of Science degree from the University of Copenhagen in Denmark, four years later. He is forty years old.

### NEW HITCH LOWERS LABOR COSTS

PLOWING seven acres a day with eight horses on a three-bottom sulky is one method of cutting farm labor costs on the farm of Sherman Read, Richland.

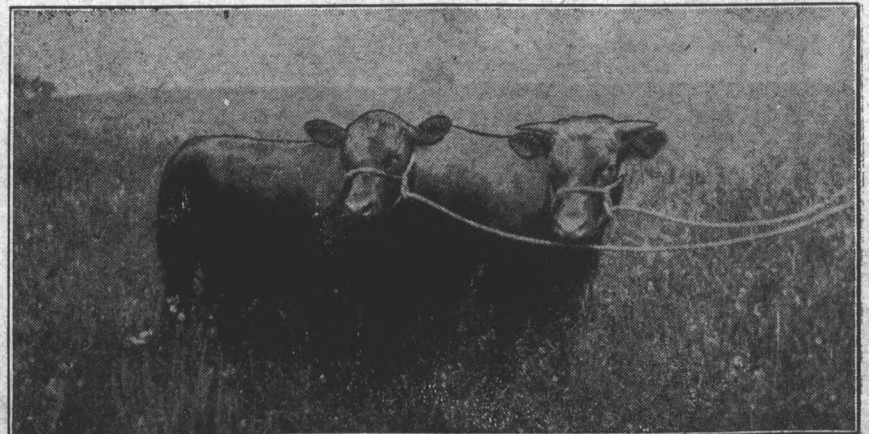
The use of multiple hitches to increase the efficiency of the teamster is one of the newer practices being sponsored by the animal husbandry department at Michigan State College.

With the "tying in" and "bucking back" method of hitching horses, one driver can drive with two lines a team of any size. The ease with which horses are handled by this method is shown by the fact that several farmers of the state are working stallions in teams with other horses.

### JACKSON GETS EMMET COUNTY AGENT

STANLEY J. CULVER, for 5 years county agricultural agent of Emmet county, has resigned to take a similar position in Jackson county, left vacant when Roy Decker recently accepted a position with the farm crops department of Michigan State College. A. R. Schubert, for some time employed by the bureau of dairying of the State Department of Agriculture, has been employed to act as agricultural agent in Emmet county.

We enjoy your paper as much as ever and look forward to each issue.—H. A. B., Chippewa County.



### BACK AGAIN THIS YEAR

If you had attended The Michigan State Fair last fall, you would surely have seen the animals that were fitted by our boys and girls. Among these was an Aberdeen Angus steers fitted by James Milligan of Cass City, who carried off the championship on his neat well fitted calf. The previous year championship honors also went to this farm boy. Again another show season is almost here and Jimmie is getting harder but to keep up the good work. He realizes that competition is gradually getting harder but it seems the harder it gets the better he likes it. This year he is fitting two steers to be shown at the state fair. One is an Angus and the other a shorthorn as the picture shows. The black calf is sired by "Quality Marshall" while the red one is by "Collyne Golden Ring." Jimmy says, "My success in steer feeding is due to careful selections, regular feeding and a profound liking for my job."



# TO STUDY "KEYSTONE ROTATION" ON AUG. 28

THE Keystone Rotation, a cropping program for the lighter soil types of western Michigan sponsored by the Agricultural Department of the Pennsylvania Railroad, and in operation for the past six years on their demonstration farm, two miles north of Howard City, Mich., will be on "Dress Parade," Tuesday, August 28th, according to their agricultural agent, B. O. Hagerman of Grand Rapids.

The entrance gates to the farm will be thrown wide open and everybody will be invited to come to this first annual Field Day, dedicated to the interest of "Sand Land Farming," Mr. Hagerman, and the rest of the Pennsylvania Railroad folks, invite the agricultural public to "Come, See and Hear."

Come and bring your picnic dinner. Coffee and lemonade will await you in abundance, free for the asking.

See the results of this Keystone Rotation now in its sixth year of soil building existence. See the crop variety tests put on by the crops department of the Michigan State College. See the potash fertilizer demonstration by the N. V. Potash Export Corporation. This demonstration is in connection with sweet clover and alfalfa. Previous records on this farm in a sweet clover test show an increase of 71 per cent with potash alone, and an 86 per cent increase when the potash is in combination with acid phosphate.

Mr. Hagerman says that their stands of sweet clover and alfalfa are exceptionally gratifying as these legumes are now growing where a few years ago it was said "it couldn't be done."

Also see the high class dairy herd built up from one pure bred cow and a pure bred bull. This herd has been ranking well along the head of the list this year in their local cow testing association.

Dr. R. S. Shaw, President of the Michigan State College, will be the principal agricultural speaker of the day. President Shaw's many years connection with the State College as Dean of Agriculture, as well as his own actual farming experience, gives him a keen and sympathetic understanding of the farmers' problems. We all will want to hear him.

Besides President Shaw, there will also be from the College representatives of various other departments, including farm crops and soils.

The program will take place in the farm grove in the afternoon, the forenoon to be spent in a general tour inspection of the farm, crops, and live stock.

## REUNION AND HOME-COMING

THE second annual reunion and home coming of Barney School District No. 7, Byron township, Kent county, will be held on the school grounds, Saturday, August 18th. All former teachers and pupils are requested to be present. Pot luck dinner will be served. All trains will be met on request to Bell phone 25F4, Byron Center Exchange.—A. A. Whitcomb.

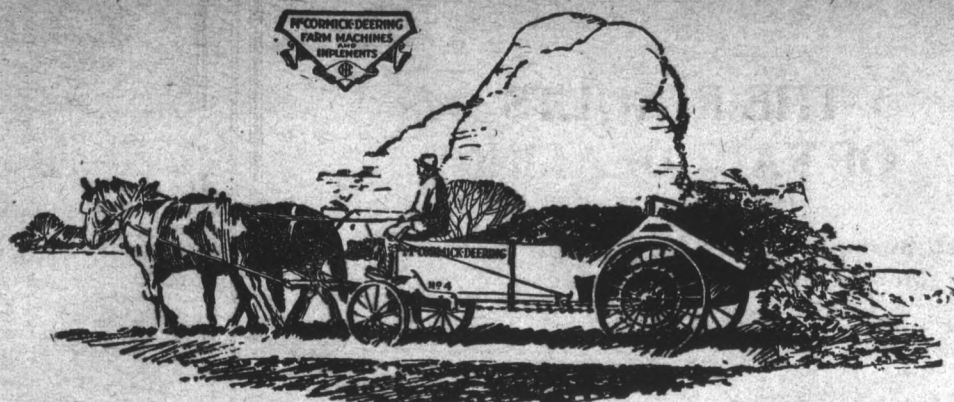
## Veterinary Department

Edited by DR. GEO. H. CONN  
(Questions gladly answered free for paid-up subscribers. You receive a personal letter.)

## FAILS TO GET WITH CALF

Could you tell me what to do for a cow? She is in good flesh and gives a nice mess of milk. She freshened the first day of April and I have taken her away for service twice but every week she comes in heat again.—J. T. Evart, Mich.

THIS cow has some inflammation of the breeding organs, probably the ovaries. This cannot be determined without an examination. I would recommend that you sprout some oats and just as soon as the sprouts reach a height of one to two inches feed the entire oat grain with sprouts to this cow at the rate of three or four pounds per day. You can sprout these oats at this time of the year by placing a small layer in a shallow box, sprinkling them with water heavily each day and setting them in the sun. We have secured some very excellent results after feeding oats in this manner to some cows that were not breeding.



## International Harvester Announces A Brand-New McCORMICK-DEERING SPREADER!

In the yard—Low, easy loading; shielded mechanism; light draft.  
On the way—Narrow, for gates and doors; compact; easy pulling.  
In the field—Shreds and spreads, wide and even, at top efficiency; six conveyor speeds; handy controls; roller-bearing light draft.

"WELL, HERE'S A REALLY NEW SPREADER!" That's the general comment of those who have seen the New McCormick-Deering in operation.

The two revolving beaters shred the manure perfectly, and the widespread spiral—set high up—assures an even widespread of manure at all times. The machine is so light in draft that two horses pull it easily. The box is low, making it easy to load.

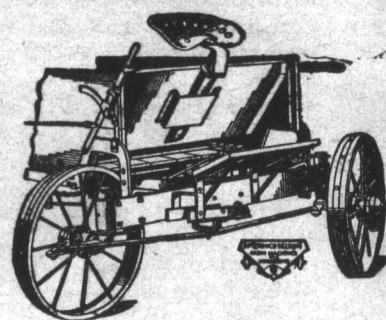
The levers on both sides are within easy reach of the operator, and the driver can instantly regulate the quantity of manure to be spread while the machine is in operation. The left-hand lever controls the spreading mechanism, and the right-hand lever controls the operation of the conveyor at six different speeds. The seat swings forward while loading. The narrow width allows ready passage through doors and gates.

There are eight roller bearings and seventeen Alemite (Zerk-type) lubrication fittings. The box is braced on each side with two steel braces, and the rear-end mechanism is shielded. Short-turn (so short as to pivot on rear wheels), tracking of the front and rear wheels, and many other features combine to make the New McCormick-Deering a simple, practical spreader for years of efficient service.

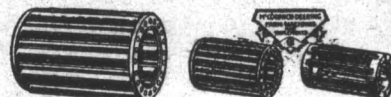
For very good spreading, for simplified handling, for complete satisfaction, stop and see the New McCormick-Deering at the dealer's store. Ask for a demonstration. It can't help suiting you to a T. We will mail you a catalog on request.

## INTERNATIONAL HARVESTER COMPANY

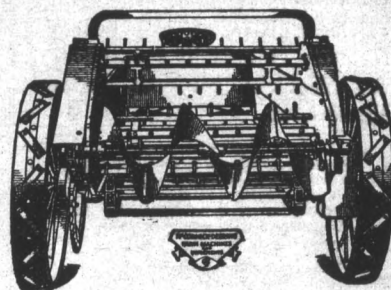
606 So. Michigan Ave. OF AMERICA Chicago, Illinois  
(Incorporated)



The New McCormick-Deering will easily turn so short as to pivot on the rear wheels. The seat folds forward out of way when loading.



Here we see the types of roller bearings used in the New McCormick-Deering. Left to right: rear axle bearing, upper and lower beater bearing, and widespread spiral shaft bearing.



Showing the pulverizing and spreading mechanism, the low, easily loaded box, and the shields over the moving parts.

## BREEDER'S DIRECTORY

Advertisements inserted under this heading for reputable breeders of Live Stock at special low rates to encourage the growing of pure-breds on the farms of our readers. Our advertising rate is Thirty Cents (30c) per square line per insertion. Fourteen square lines to the column inch or \$4.20 per inch, less 2% for cash if sent with order or paid on or before the 10th of month following date of insertion. SEND IN YOUR AD AND WE WILL PUT IT IN TYPE FREE, so you can see how many lines it will fill. Address all letters, BREEDERS' DIRECTORY, MICHIGAN BUSINESS FARMER, MT. CLEMENS, MICH.

## CLAIM YOUR SALE DATE

To avoid conflicting dates we will without cost, list the date of any live stock sale in Michigan. If you are considering a sale advise us at once and we will claim the date for you. Address Live Stock Editor, M. B. F., Mt. Clemens.

## CATTLE

## HOLSTEINS

REGISTERED HOLSTEIN  
HEIFER AND BULL CALVES  
from fully accredited herds. Shipped C. O. D. at farmers' prices. World's record blood lines. Write Your Wishes  
MAPLE LAWN FARMS Cortland, New York

## GUERNSEYS

TWENTY-FIVE HEAD OF GRADE GUERNSEY heifers, coming two years old and due to freshen after Nov. 1. Hughston & Scott, McBain, Mich.

## TRAVERSE CITY STATE HOSPITAL

Bull Calf for Sale — Tag No. 716 — Born Sept. '18, 1927

His sire Prince Echo Rauward who has twenty-three Advanced Registry daughters, twenty of which have records from twenty to thirty-one pounds of butter in seven days.

His dam is a twenty-four pound daughter of Traverse Prince Inka Lad.

SEND FOR A PEDIGREE

BUREAU OF ANIMAL INDUSTRY, Lansing, Michigan

## NOTICE

to our  
READERS

How does your subscription stand? Is it paid up well in advance? Better check up on it before you miss a copy. A dollar will renew it for three years.

The Michigan  
BUSINESS FARMER  
Mount Clemens,  
Michigan



To the Readers of the  
Michigan Business Farmer



CABLE Piano Company has been making superior Pianos and Inner-Player Pianos for almost half a century.

Naturally they have always priced their instruments as low as true quality could be sold for, but they have never made a Piano of this type to sell for less than \$395.

Accordingly, this announcement of a Genuine Cable-made Piano at \$295—\$100 less than any similar Cable-made Instrument—signals a Piano-buying opportunity almost without parallel in Piano history.

Futhermore, this offer made to the readers of this publication carries with it all the benefits formerly enjoyed by members of the Michigan Business Farmer Piano Club.

## You Save \$100

and obtain the following Club benefits—

- 1 Factory prices.
- 2 30 Days' Free Trial, with absolute guarantee of satisfaction.
- 3 30 months to pay.
- 4 The Factory pays all the freight.
- 5 Free and full cancellation of debt if buyer dies.
- 6 Free instruction course.
- 7 Exchange privilege within a year with full credit.
- 8 Choice of very latest models in Grand, Upright or Player.
- 9 Long-time warranty against defects.

Get full particulars about this wonderful offer. Send coupon below for descriptive literature, prices, terms, etc. New Club now forming. Send today—handy coupon below brings full information.

CABLE PIANO COMPANY,  
1264 Library Ave., Detroit, Michigan.

Please send, without obligation to me, full details of your factory-to-user Club Plan Offer.

I am interested in — Upright — Player — Grand.

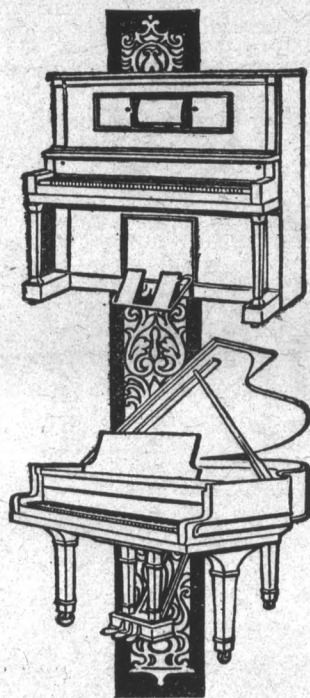
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**CABLE**  
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1264 Library Ave.

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benefits of the  
Piano Club  
Purchase Plan

## MICHIGAN FRUIT MEN SPEND TWO DAYS TOURING ONTARIO

(Continued from Page 3)

Americans and Canadians in the group and this feeling was illuminated by Senator Smith's opening sentence. He said, "We are glad to welcome you from the neighboring State of Michigan." The tourists were taken through the factory in groups of eight. Each group was in charge of a man who explained the process of preserving and jam making, and each person was presented with a sample glass of jam. One interesting feature was the large quantities of black currants which were being used.

At Beamsville the pilgrims took dinner in the high school building. It was a social occasion, with Canadian growers present, and many points of common interest were discussed. Among the after-dinner speakers was Mr. T. J. Mahoney, member of the legislature. He described the vast, publicly owned power industry which has erected a network of electric power lines in the Province and sells power to the citizens at very low rates. The rate at Beamsville was said to be 1½ cents per kilowatt. Read it and weep! The publicly owned power industry in the Province was said to represent an investment of 140 millions and furnishes ½ horse power for every man, woman, and child in Ontario.

The next stop was at the pear orchard of S. M. Culp. A very fine crop of Bartlett and Duchess pears were seen. The trees were on clay soil. A strip of sod is left in the tree rows and the middles are cultivated. The sod strip is mowed, and is also burned over once each year. A ring of ashes and cinders is placed around each tree to prevent fire injury to the collars. Psylla is controlled mainly with oil in the dormant season. A nicotine spray is used later when necessary. Five successive years of oil spraying has showed no ill effect on the trees. Nitrate of soda is used as a fertilizer at the rate of five pounds per tree.

It might be of interest to note that throughout the day the caravan was escorted by a special detail of Provincial Highway Police, who kept the road open and also stopped traffic at all main roads while the caravan was crossing or entering them.

The Vineland Horticultural Experiment Station, of 180 acres, was inspected by the tourists and points of interest explained by the director, Prof. Palmer. The Viking red raspberry was originated here in 1914, and is now being extensively grown in Ontario. The variety is not considered equal to Cuthbert in flavor but was said to be a better shipper, a sturdy, upright grower, and quite resistant to disease. It is a specially easy picker and hired help is said to prefer picking Viking over any other variety. Many were interested in seeing a purple leaved peach tree which bears red-fleshed fruit.

The tourists then drove through the city of St. Catharines and on to the Larkin Farms. Brock's Monument and the Welland Canal were seen on the way. At the Larkin Farms near Niagara on the Lake were seen 40 thousand apple trees, none over 14 years old. Last year a 50 thousand bushel crop was harvested. This year's crop is very light.

A few miles more, and the Tour ended at Niagara Falls. Thundering Niagara! A vertical river, plunging into a milky, misty caldron, and flattening out into a crazy mosaic of swirling whirlpools.

## BROADSCOPE FARM NEWS AND VIEWS

(Continued from Page 6)

four fifteen it started back toward the old dock at the foot of First Street in Detroit.

The wind had ceased, the sun was shining and the three and three-fourths hour ride was most pleasant. Here was nearly eight hours ride on a palatial steamer with its modern ball room and orchestra and many comforts all for one dollar per passenger.

Now we don't often get to Detroit and we felt we should make a full day of it so we located THE Michigan Theatre and with thousands of others enjoyed a program in the world's third finest playhouse. How the other two could be any finer or larger, I fail to comprehend.

"Our parking place?" It wasn't a bit hard to find. But yes, a flat tire. Time, just midnight by our watches,

but by the crowd on the sidewalks and cars in the street you would not think it was midnight. Old Fort Street soon delivered us back to Allen Road and in turn Ecorse turned us onto Ypsilanti main street. Hungry? Yes! One o'clock. I noticed in the morning our lunch room sign said "Open all night." We headed for it. The question was, shall we order a supper or breakfast? At this hour the place was well patronized by autoists, the majority of which I concluded were tourists. The old pike was quite a busy place with its between days' traffic of freight, busses, etc. About two hours from Ypsilanti we turned onto what to us is THE Main Road, for a half mile down it we find Broadscope.

A two weeks' vacation in just twenty-four hours. Good-night!

## SEEING MICHIGAN WITH MATHEWS

(Continued from Page 10)

**Fertilizers On Sweet Clover.**—On June 20th, I helped to weigh up some fertilizer topdressing hay weights at the Pennsylvania Demonstration Farm north of Howard City with astonishing results. These plots were staked out and the materials applied by Gerritt Posthumous, the farm manager, on the second of May. There was a very large difference six or seven weeks later. The sweet clover was sowed in peas and oats last year and came through the winter a fine stand. This soil is known as Plainfield sand. We shall not burden our readers with the intimate details except to say that a 350 pound application of phosphoric acid and potash in the ratio of one to two, an 0-8-16 to be exact, increased the green weight of sweet clover hay by 87 per cent as compared to the plot that had no fertilizer treatment.

**Alfalfa Is Gold Digger.**—Alfalfa is the wonder crop. It is destined to become a much greater factor in Michigan agriculture than it is today. The old cow with plenty of alfalfa to eat has kept a lot of Michigan folks in the clear during the last five or six years.

## Stories You Read On The Run.

Credit for adapting advertising to the installment plan of reading a new thought each rod or so as you run undoubtedly should go to—Oh Boy, What Joy, What Grade, Save Your Face, Burma Shave. Rather racy stuff, undignified but telling, nevertheless. Now a Grand Rapids furniture store has made a scholarly, dignified series of hop-skip advertisements based on this same idea. It is really one of the most attractive road sign series I have ever seen. Each sign is an art creation. The first one arouses the reader's interest, this is intensified by each succeeding sign and the last one concludes the story.

## PENNSYLVANIA FARMERS TO VISIT MICHIGAN

**AROUND** 250 Pennsylvania potato growers will spend August 21st and 22nd in Michigan, visiting the seed potato fields, according to E. J. Leenhouts, general agricultural agent of the New York Central Lines, who has been working with R. C. Bennett of Alba, and Dr. E. L. Nixon of Pennsylvania, to bring this about. They will arrive in Alba by train and spend the day of Aug. 21st traveling by auto through Antrim and adjoining counties, famous for the fine seed potatoes they produce. At night there will be a picnic dinner after which the party will return to the train. The next morning it will find itself at Cheboygan. The forenoon will be taken up with a visit to Mackinac Island. Upon their return they will go to Gaylord where lunch will be served and the afternoon spent with Michigan growers. There will be games, sport and speeches, followed by a big picnic dinner which will wind up the program. That night the party will board their train and the next morning will find them in Buffalo.

## CANCER—FREE BOOK SENT ON REQUEST

Tells cause of cancer and what to do for pain, bleeding, odor, etc. Write for it today, mentioning this paper. Address Indianapolis Cancer Hospital, Indianapolis, Ind.—(Adv.)



## • • With the Farm Flocks • •

(We invite you to contribute your experience in raising poultry to this department for the benefit of others. Also questions relative to poultry will be cheerfully answered by experts.)

### 1928 POULTRY TOUR FOR MICHIGAN POULTRYMEN

A WORTHWHILE tour of outstanding poultry plants and other points of interest has been arranged for the dates of August 28, 29, 30 and 31. All Michigan poultrymen and others interested are cordially invited to join this tour. The tour will start from Michigan State College on Tuesday, August 28, and will end at Michigan State College on Friday afternoon, August 31.

It is hoped that a large number of people will follow the tour throughout from start to finish but you are welcome to join it for one or more days or any part of one day. The purpose of the tour is to visit outstanding poultry plants and other points of interest so that those on the trip will be able to observe first hand, the practices being used by successful poultrymen. The tour will be educational throughout and will be worth the while of every Michigan poultryman. The automobiles making the tour will carry suitable placards and other publicity features are being arranged.

The itinerary gives the trip in detail. It will be noticed that the tour includes stops at two of Michigan's largest poultry farms, four of Michigan's finest Record of Performance flocks, side trips to the show place owned by W. J. Getz at Holland and known as Lakewood Farm, a trip to the W. K. Kellogg Farm at Augusta, which has recently been turned over to the Michigan State College for operation, a visit to one of Mr. Kellogg's factories, a visit to the University of Michigan's campus and athletic plant, a trip to the well-known turkey farm operated by Layher Brothers at Napoleon, and a round-up at the Larro Research Farm at Redford. The annual field day of the Michigan Poultry Improvement Association will be held in connection with the last day of the tour at the Larro Farm near Redford on Friday, August 31. H. L. Schroeder, of the U. S. D. A. at Washington, will travel with the tour thru the entire trip.

There will be no fees connected with the trip. Those desiring to camp enroute will find adequate facilities near each of the overnight stopping points; others will stay in hotels. The first night, Tuesday, August 28, will be spent in Holland. The party will stay in either Warm Friend Tavern or Hotel Kraker. Wednesday evening the stop will be at Kalamazoo at Hotel Burdick or Hotel Park American, the tour starting Thursday morning from in front of the Hotel Park American. Thursday night the stop will be in Ann Arbor either at the Hotel Allenel or the Hotel Whitney, the start Friday morning being at 8 A. M. from in front of Hotel Allenel, which is opposite the courthouse. The tour will break up from the Larro Farm or those desiring to do so may return to East Lansing, where the tour will disburse at about 6 P. M., August 31.

The poultrymen of Ottawa county, under the direction of R. C. Jackson, Manager of the Grandview

Farm, are planning entertainment features for the tour while passing thru Ottawa county. The business men of Bangor are planning some entertainment features Wednesday noon at Bangor. The Larro Milling Company will provide features for Friday afternoon.

Mark the dates on your calendar now and plan to make the entire tour. Assemble at East Lansing at 10 A. M., prepared to leave East Lansing by 12:30 noon Tuesday, August 28.

#### Tuesday, August 28

10-11:30 A. M.—M. S. C., East Lansing. Registration and inspection of College Poultry Plant.

11:30-12:30—Lunch.

2-2:30 P. M.—Lowell. Lowell Milling Company.

4-6 P. M.—Visiting the following poultry farms and hatcheries: Silverward Hatchery, Zeeland; Grandview Poultry Farm, Zeeland; Superior Poultry Farm, Zeeland; Hillview Poultry Farm, Zeeland; Wolverine Hatchery, Zeeland.

6:30—Dinner—Holland. Evening entertainment by Holland Poultrymen in charge of R. C. Jackson.

#### Wednesday, August 29

8-8:30 A. M.—Inspecting Holland Hatchery owned by Van Appledorn Bros.

8:30-10:30—Visiting Lakewood Farms, Holland. A trip worth while.

10:30-11:00—Visiting Hatcheries of M. J. Kole, Holland; Brummer & Fredrickson, Holland.

12:30—Lunch by Bangor business men. Munro & Martin of Munja Garden Poultry Farm in charge.

4:30-6:30—W. C. Eckard, Paw Paw.

6:30—Supper, Kalamazoo, Michigan.

#### Thursday, August 30

8-11 A. M.—W. K. Kellogg Farm.

11-11:30—Enroute Battle Creek via Camp Custer.

11:30-12:30—Lunch.

2-2:30—Battle Creek Sanitarium Farm.

3:30-5:30—Layher Bros. Turkey Farm. Stay in Ann Arbor.

#### Friday, August 31

8-8:30—Visiting University Campus and Athletic Field.

8:30-11:30—W. A. Downs, Romeo.

11:30-12:30—Enroute Larro Research Farm. Lunch by Larro Co.

P. M.—Annual Field Day of M. S. P. I.

A. Speeches by Mr. Larro, Mr. Carpenter, President M. S. P. I. A., Schroeder, U. S. D. A. Tour of Farm.

Return to East Lansing.

### CHICKEN PRODUCTION

THE number of chickens being raised on farms in 1928 is about 10 per cent less than in 1927, according to returns received by the Department of Agriculture covering approximately 22,000 flocks, representing all States. The returns showed the number of chicks and young chickens of this year's hatch in these farm flocks on July 1 to be 9 per cent less than on July 1 last year. Returns for June 1 showed 12 per cent less, for May 1, 15 per cent less, and for April 1, 16 per cent less, than on the same dates last year.

The reduction is not unexpected in view of the somewhat unfavorable relation between the prices of poultry products and the cost of the poultry ration that existed during most of 1927 and the first half of 1928.

Enclosed find \$1 for three years for the best farm paper. I do not want to miss a copy. I wish we could have it every week.—C. E. Whitaker, Clinton County.

## The Business Farmers' Exchange

### A DEPARTMENT OF CLASSIFIED ADVERTISING

RATE PER WORD—ONE Issue 10c; Two Issues 15c, Four Issues 25c

No advertisement less than ten words. Groups of figures, initials or abbreviations count as one word. Name and address must be counted as part of advertisement. Cash in advance from all advertisers in this department, no exceptions and no discounts. Forms close Saturday noon preceding date of issue. Address

MICHIGAN BUSINESS FARMER :: Mount Clemens, Michigan

### FARMS

#### FARM FOR SALE. 111 ACRES. 40 CLEARED.

Balance in pasture, watered by two spring creeks. Soil fertile. Raise 200 to 400 bushels potatoes per acre. Good alfalfa land. Good buildings. Plenty fruit. Running water at house and barn. Good roads. Good neighbors. Near railroad town. \$3,000.00. Part cash. L. Dunlap, Lupton, Mich.

#### FOR SALE: 280 ACRE SHEEP RANCH IN THE

Heart of Cloverland. Failing health cause of selling. 1140 rods woven wire fence. 50 acres under cultivation. 2 houses, hay barn, horse and cattle barn, sheep shed. Good well; trout stream. All equipped. J. S. McGinn & Son, Rudyard, Mich.

#### 50 ACRE FARM FOR SALE. GOOD LAND AND

good buildings. August Hart, Route 1, Box 41, Mt. Clemens, Michigan.

#### FOR SALE. 120 ACRES. SMALL HOUSE AND

barn, good orchard. Land rolling but mostly clay. Fine trout stream. About 60 acres cleared; would make ideal dairy or sheep farm. Will sell for price of mortgages. If you are a renter and have the stock, can buy this place on easy terms. Address The Citizens State Bank, Clare, Michigan.

#### DESIRABLE FARM PROPERTY TO BE OF-

fered for sale this fall. 135 acres ideally located one half mile from Caro, Tuscola County, Michigan (population 2,700). Excellent large buildings. Land well tiled and under high state of cultivation. Very productive. Advantagesous marketing conditions. Fine schools adjacent. Substantial down payment required. Address William C. Taylor, Caro, Michigan.

### POULTRY

WHITTAKER'S RED, BOTH COMBS. R. O. P. trapnested, Michigan Certified. Cocks, Hens, Cockerels, Pullets. Write for Catalog. Interlakes Farm, Box 2, Lawrence, Mich.

#### LOOK! CHICKS UNTIL SEPTEMBER. REDS

White, Buff, Barred Rocks, Black Minorcas, 12c. Buff Orpingtons, Silver or White Wyandottes, 13 1/2c. White, Brown, or Buff Leghorns, Heavy Mixed, 10c. Order Breeding Cockerels from R. O. P. MALE MATINGS. Lawrence Hatchery, Grand Rapids, Mich.

#### 3,000 WHITE LEGHORN PULLETS 8 WEEKS,

85c. Selected state accredited yearling hens, \$1.00. H. Knoll, Jr., Holland, Mich., R. 1.

#### DUCKLINGS—MAMMOTH WHITE PEKINS,

free circular. Diamond Duck Farm, Upper Sandusky, O.

### SEEDS

#### REGISTERED AND CERTIFIED SEED CORN

Clement's white cap yellow dent, Pickett's yellow dent and Michigan yellow dent (a very early dent). Certified Worthy oats and sweet clover. Why take a chance on common seed when our scientific method of drying and preparing our corn insures germination and vigor. Write for circular and sample. Paul C. Clement, Britton, Michigan. Member of the Crop Improvement Association, Dept. H.

#### KHARKOV SEED WHEAT—GUARANTEED TO

Increase Yield—Extra Winter Hardy. Finest quality. Prices very low. Recleaned, treated with Copper Carb and sacked. Samples free. Also have Rosen Rye, Hardy Alfalfa \$8.90 bushel. Best Northwestern \$12.90. State Sealed Certified Grimm \$18.00 bushel. Timothy \$2.20. Write for samples and circular matter. Frank Sinn, Box 66, Clarinda, Iowa.

FOR CERTIFIED, SATISFACTION GUARANTEED seed of Improved American Banner Wheat, Wolverine Oats, Improved Robust Beans, demonstrated best varieties for Michigan. Address A. B. Cook, Owosso, Mich.

### LIVESTOCK

FOR GUERNSEY OR HOLSTEIN CALVES from heavy rich milkers, write Lakewood Farm, Whitewater, Wisc.

TWO SHORTHORN BULLS, MILKING STRAIN, nine months old. Lud Hastings, Napoleon, Mich.

REGISTERED GUERNSEYS. ONE FIVE YEAR old cow, freshens Sept. 1. One two year old heifer freshens Oct. 1. Two young bulls. Frank Bailey, Hartford, Michigan.

TEAM HORSES WT. 3400 WITH GOOD JOB, also single bottom tractor plow. Oscar Larsen, Elsworth, Mich.

### PET STOCK

MILK GOATS SAANEN TOGGENBURG, Matured and young stock. Harry Vanderlaan, R. 3, Muskegon, Mich.

FOR SALE, DICK, A REAL COONHOUND AT 1/2 price on 30 days trial on terms to please you. Lube Beadles, S420, Mayfield, Ky.

MILK GOATS AND DOE KIDS. MRS. CLAUDIA Betts, Hillsdale, Michigan.

NICELY MARKED PUREBRED WHITE AND yellow collie pups. Females, \$7.00 males; \$10.00. W. Bigford, Ovid, Mich.

### HARVESTER

RICH MAN'S CORN HARVESTER, POOR man's price—only \$25.00 with bundle tying attachment. Free catalog showing pictures of harvester. Process Company, Salina, Kans.

### AGENTS WANTED

SALESMAN WANTED: FARM IMPLEMENT salesman who can carry a high grade Potato Digger as a part of his line has an excellent opportunity to cash in with a thoroughly reliable and old established house for Michigan territory. Liberal commissions. Address U. S. Wind Engine and Pump Company, Batavia, Illinois, Department B. F.

HAY BUYERS: CAN USE A FEW MORE GOOD men in territory not now covered. Write for our proposition. Harry D. Gates Company, Jackson, Michigan.

\$10 TO \$20 DAILY EASILY EARNED SELLING shoes for the largest direct to wearer concern in the world at saving of \$2 to \$3 pair; some good protected territory still open. Doublewear Shoe Co., Minneapolis, Minn.

### MISCELLANEOUS

FARMERS WOOL MADE INTO BLANKETS, batting and yarn at fair prices. Send for circulars. Monticello Woolen Mills, (Estab. 1866), Monticello, Wisc.

WHY BLAME THE BULL WHEN YOUR COW does not breed? Use Cow Catch 1 hour before service. Results or your money back. 85c for one cow; \$2.90 for five cows postpaid. Woodstock Farm, Route 2, Box 49X, Renton, Wash.

FILMS DEVELOPED—SIX BEAUTIFUL HIGH Gloss prints 25c regular price. West Supply, Huntington, Ind.

ONE NEW CENTAUR TRACTOR SLIGHTLY used as a demonstrator. M. E. Hath, New Hudson, Michigan.

# ADVERTISE

Our Readers Report Splendid Results with Classified Advertising

With THE BUSINESS FARMER now reaching over a hundred thousand subscribers, there is an unlimited market for all kinds of goods, supplies and equipment used by farmers and their families.

RATE PER WORD — One time, 10c;  
2 times, 15c; 4 times, 25c; cash in advance.

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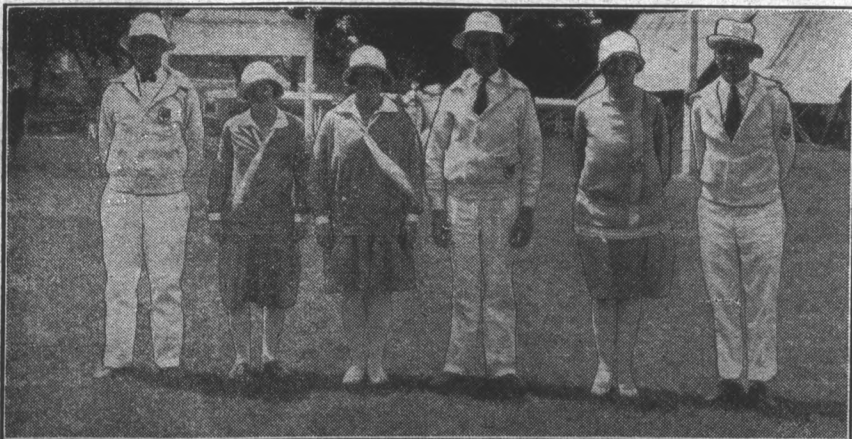
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Fill out and mail this order, with remittance, to  
THE MICHIGAN BUSINESS FARMER, MT. CLEMENS, MICHIGAN.



REPRESENTED MICHIGAN AT CLUB ENCAMPMENT

Here we have Michigan's delegation to the national Club encampment at Washington, D. C. Left to right: Raymond Giebach, Saline; Mary Richmond, Hemlock; Ellen Syrauen, Chatham; Emil Kober, Conklin; Mrs. P. G. Lunden, East Lansing; P. G. Lunden, Assistant State Club Leader, East Lansing.





# MARKET FLASHES



## Cattle Market Lower While Hogs Advanced

Lambs Steady—Butter, Eggs and Poultry Firm—Wheat Lower

By Market News Service, Bureau of Agricultural Economics, U. S. D. A.  
(Special to THE BUSINESS FARMER)

**C**ROPS generally made good progress during July. The tendency of prices at the end of the month was firm to slightly downward. In contrast with the cattle market which showed decided weakness, the price of hogs advanced while the lamb market closed steady. Butter, eggs and poultry were firm with slight advances in price or values well maintained. Grain and cotton markets weakened while the market for feed continued seasonally dull.

### Wheat Weak

Unusually heavy receipts of winter wheat, together with improved prospects for spring grains in both the United States and Canada, caused continued weakness in the domestic grain market during the first week of August. Generally favorable progress of the European crops and lower foreign markets were also weakening factors. Prices of all grains showed further declines compared with those of the previous week but soft winter wheat continued to bring relatively large premiums over hard winter wheat.

### Corn and Oats Easy

The corn market weakened slightly as a result of continued favorable weather following the closing out of the July contracts, the filling of which had temporarily increased the demand for corn and brought about unusually high premiums for spot grain. Receipts were somewhat smaller than the heavy movement of the previous week but stocks are relatively small in the markets and are held principally at Chicago. The movement of new oats to central-western markets increased and prices declined somewhat, but the market shared in the strength of corn and had rather a firm undertone. Larger offerings of barley weakened the market for that grain but there was a fairly active demand from maltsters and exporters which absorbed the current receipts.

### Feeds Dull

The feed market continued seasonally dull featured by poor demand and a price decline in most important feeds, except corn feeds. The market for concentrated feeds, including linseed meal and cottonseed meal, was generally inactive, weak and lower. Corn feeds were reflecting the strength in the corn market and held generally firm. Alfalfa meal was lower.

### Hay Steady

Hay markets held practically steady. Receipts were generally light but contained a large percentage of new hay much of which was out of condition. Middlewestern alfalfa markets were somewhat irregular. Heavy offerings of prairie weakened the market for that hay.

### Cattle Off

Increased receipts and a draggy dressed beef market resulted in decided weakness in the cattle market at Chicago. Declines of 25c-75c per 100 pounds were rather common and, in some instances, particularly on grass cows and heifers, extreme declines for the week ranged from \$1-\$2. The yearling light steer market continued to decline. As the run of weighty steers was meager, there was no such downturn in these grades.

### Hogs Advance

Receipts of hogs for the week were slightly less than a week earlier. There was a broad shipping demand and prices showed net advances ranging from 10c to 25c per 100 pounds.

### Lambs Steady

The lamb trade was satisfactory throughout the week. Receipts were somewhat lighter than a week earlier and lambs closed steady to 25c higher for the week. Sheep were steady to strong but feeding lambs were weak. The top on fat range lambs was \$15.50 and on natives \$15.25. Washington and Montana lambs showed the best quality and

topped the market, although there were some Idaho lambs which also brought the top.

### Wool Uneven

There was a tendency toward expansion in the wool trade during the week. There was, however, considerable unevenness in the demand as only a few of the mills are now buying in quantity. Prices were about steady, although in some instances slight declines were in evidence.

### Butter Firm

The butter market during the week of July 30 to August 4 ruled firm with a slight price advance effective at all markets. Although at no time during the week could trade have

ness, from all appearances, to keep the market alive. The old crop is reported pretty well cleaned up and he trade is now looking forward to the new crop.

### DETROIT SEEDS

Cloverseed, domestic, cash, \$17.50; October, \$18.50; December, \$18.25. Alsike, \$16.25. Timothy, cash, \$2.30; December, \$2.75.

### DETROIT LIVE POULTRY

(Commission merchants' gross returns per pound to farmers, from which prices 5 per cent commission and transportation charges are deductible.)

Market firm. Broilers, 3 lbs. up, rocks, 37c; reds and others, 35c; leghorns, 2 lbs. and up, 28c; smaller sizes, 2 to 3c less. Hens: Colored, over 4 lb., 28c; smaller, 25@26c; leghorns and anconas, 21c. Cocks,

August 9 were 97,057,000 pounds, against 123,008,000 the same period last year. Receipts were 237,656,900 against 263,755,726.

Michigan and New York fleeces: Delaine unwashed, 43@44c; 1/2 blood combing, 47@48c; 3/8 blood combing, 54@55c; 1/4 blood combing, 53@54c.

### LIVESTOCK MARKETS

**CHICAGO—Hogs:** Market closed at advance, mostly 25@35c higher than yesterday's average; top, \$12 paid for 180 to 200 lbs; shippers took 7,000; estimated holdover 2,000; butchers, medium to choice, 250 to 350 lbs., \$10.85@11.75; 200 to 250 lbs., \$11@12; 160 to 200 lbs., \$10.85@12; 130 to 160 lbs., \$10.25@11.85; packing sows, \$9.75@10.60; pigs, medium to good, 90 to 130 lbs., \$9.75@11.25. **Cattle:** Forced market on steers and she stock; sizeable proportion carried over for next week's market; best steers, \$15.40; weighty steer trade temporarily saturated; slaughter classes, steers, good and choice, 1,300 to 1,500 lbs., \$14.25@16.50; 1,100 to 1,300 lbs., \$14.25@16.75; 950 to 1,100 lbs., \$14.50@16.85; common and medium, 850 lbs up, \$9@14.50; fed yearlings, good and choice, 750 to 950 lbs., \$14.50@16.85; heifers, good and choice, 850 lbs down, \$14.25@16.75; common and medium, \$8@14.50; cows, good and choice, \$9.50@13; common and medium, \$7.75@9.50; low cutter and cutter, \$6.25@7.75; bulls, good and choice (beef), \$9.65@11; cutter to medium, \$7.25@9.65; vealers (milk-fed), good and choice, \$16@18; medium, \$13@16; cull and common, \$8@13; stocker and feeder steers, good and choice (all weights), \$11.75@12.75; common and medium, \$8.50@11.75. **Sheep:** Fat lambs active, mostly steady, quality considered; more variable quality on range lambs; most natives are valued to sell at early in week; small supply of feeding lambs unchanged; lambs, good and choice (92 lbs down), \$14@15.50; medium, \$12@14; cull and common, \$8.50@12; ewes, medium to choice (150 lb down), \$4.50@7.25; cull and common, \$1.75@5.50; feeder lambs, good and choice, \$13.50@14.

**EAST BUFFALO—Cattle:** Slow. Hogs: Strong; heavy, \$11.75@12; medium and mixed, \$12.35@12.40; yorkers and pigs, \$12.25@12.50. **Sheep:** Lower; top lambs, \$15@15.25; yearlings, \$11@12.25; wethers, \$8.50@9.50; ewes, \$6@7.50. Calves, \$18.50.



### Week of August 19

**E**ARLY part of the week of the 19th will be warm and rainy. In fact, before Tuesday some parts of Michigan may expect some rather hard rains.

Temperatures will drop somewhat before the middle but will again rise by Wednesday or Thursday. During these latter two days there will also be some storminess. Immediately following this last storm period the temperatures are expected to fall. From this date until the end of the month the temperatures will probably remain more or less below the seasonal average.

### Week of August 26

Temperatures at the beginning of this week will range close to the seasonal normal. In fact, we look for no real warm weather much before Thursday or Friday of this week.

Thunder and rain storms are scheduled for the greater part of the first half of this week in many parts of the state. Immediately following the middle of the week the sky will clear resulting in a day or two of fair weather.

Temperatures will be rising about Thursday with the result of the last end of the week being warm. During the last days there will be wind and rain storms with thunder, some of them locally heavy.

### September Weather

Rainfall in Michigan for the month of September does not promise to be heavy. On the contrary, it will not be much more than normal, if that much. The temperatures for the month will range below the seasonal average although we are expecting some extremes from hot to cold, more especially during the first half.

### MARKET REPORTS BY RADIO DAILY

**T**HE Michigan Business Farmer was first to broadcast farm market reports in Michigan (January 4, 1926). Market reports and farm news are now available as follows: WGHP (277.6 meters), 6:05 to 7:00 P. M.; WKAR (277.6), 12:00 M.; WWJ (352.7), 5:45 P. M.; WCX-WJR (440.9), 4:15 P. M.—Editor.

been called brisk, there was sufficient business to prevent large stock accumulations.

### Eggs Steady

The egg market continued steady to firm throughout the first week of August with values well maintained. The cheese market was steadier. Because of the seemingly high price level, buyers continued to confine purchases to immediate needs. On the Wisconsin Cheese Boards there was no change in ruling prices.

### Poultry Firm

Receipts of dressed poultry have been moderate. With demand good, the market ruled firm, and this resulted in a very close clearance of most stocks.

### Potatoes Improve

Eastern potato markets registered great improvement over the week before. Eastern Shore shipments totaled only 1,800 cars from Virginia and 600 from Maryland, and the f. o. b. price reached top of \$1.85 per barrel but declined to \$1.75 by Saturday. Kansas and Missouri Cobblers sold at 80c-95c in the Chicago carlot market, after having reached top of \$1.

### BEANS

CHP beans are back up to \$8.50 again with just about enough busi-

18c. Ducks: White, 4 1/2 lbs. and up, 23c; colored and small, 20c. Geese, 15c.

### DETROIT BUTTER AND EGGS

Butter firm; creamery in tubs, 88 to 90 score, 43 1/2 @ 45c. Eggs steady; fresh firsts, 30 @ 32c.

### BOSTON WOOL MARKET

The Commercial Bulletin says:

"There has been more business in wool, sometimes at slightly lower prices. Sales have been heaviest apparently in eight months Texas wools at around \$1 clean basis, although half-blood combing wool is the strongest quality in the market. Fine staple wools and quarter-bloods are very slow. Woolen Mills are buying very sparingly.

"Rather more business in piece goods is reported, and some manufacturers are buying against these orders, but they are hard buyers.

"The foreign markets are quiet and waiting for the Australian opening at Sydney, August 20. Meanwhile, Bradford is selling short for October and later delivery at slightly lower prices.

"Mohair is quiet but firm.

"Rail and water shipments of wool from Boston from January 1 to

### THE BUSINESS FARMER'S MARKET SUMMARY and Comparison with Markets Two Weeks Ago and One Year Ago

|                  | Detroit<br>Aug. 11 | Chicago<br>Aug. 11 | Detroit<br>July 28 | Detroit<br>1 yr. ago |
|------------------|--------------------|--------------------|--------------------|----------------------|
| <b>WHEAT—</b>    |                    |                    |                    |                      |
| No. 2 Red        | \$1.32             |                    | \$1.38             | \$1.37               |
| No. 2 White      | 1.32               |                    | 1.38               | 1.36                 |
| No. 2 Mixed      | 1.32               |                    | 1.38               | 1.35                 |
| <b>CORN—</b>     |                    |                    |                    |                      |
| No. 2 Yellow     | 1.09               | 1.00               | 1.16               | 1.18                 |
| No. 3 Yellow     | 1.07               |                    | 1.14               | 1.16                 |
| <b>OATS</b>      |                    |                    |                    |                      |
| No. 2 White      | .69                | .39 1/2 @ .40      | .73                | .50 1/2              |
| No. 3 White      | .66                |                    | .71                | .49                  |
| <b>RYE—</b>      |                    |                    |                    |                      |
| Cash No. 2       | 1.05               |                    | 1.18               | 1.02                 |
| <b>BEANS—</b>    |                    |                    |                    |                      |
| C. H. P. Cwt.    | 8.50               |                    | 8.05               | 5.85                 |
| <b>POTATOES—</b> |                    |                    |                    |                      |
| Per Cwt.         | 1.70               | .60 @ .85          | 1.50               | 4 @ 4.25             |
| <b>HAY—</b>      |                    |                    |                    |                      |
| No. 1 Tim.       | 16 @ 17            | 21 @ 22            | 15 @ 16            | 15 @ 16              |
| No. 2 Tim.       | 12 @ 13.50         | 19 @ 20            | 11 @ 12.50         | 13 @ 14              |
| No. 1 Clover     | 13 @ 14            | 22 @ 23            | 13 @ 14            | 14 @ 15              |
| Light Mixed      | 15 @ 16            | 21 @ 22            | 15 @ 16            | 14 @ 15              |

Saturday, August 11.—Bearish crop report sends grains to new low level. Bean market unchanged. Hogs close higher. Lambs active.



## What the Neighbors Say

(We are always pleased to receive letters from our subscribers and gladly publish those on subjects of general interest. If you agree or do not agree with what is written and published in this department, write your views and send them in. The editor is sole judge as to whether letters are suitable for publication or not.)

### WILL NOT DEFEND PHEASANTS

DEAR EDITOR: Defend the pheasants? I should say not! I have seen six acres of corn destroyed by them. This pretty fowl is nice to look at, but I think Mr. Robert Willson can give any one a little talk in regard to them. I helped him plant the seed that this "pheasants' deal" is taken from. This seed cost him \$12.00 a bushel; he planted the ground twice, and they scooped the whole thing out, or at least, he didn't get an ear of corn. One neighbor had three roosters killed by them, another had forty little turkeys killed by them. Most any farmer in this locality says the best way to protect the pheasant is with a shot gun.

The pheasant is a nice, pretty fowl; I can give it credit for being a dandy destroyer of quails and partridge nests; this is fine eating for the pheasant. The man that raises them and keeps them in captivity, is the only one that is doing the pheasant justice. I have travelled over central and southern Michigan and most every one you see, who has anything to do with the pheasant, condemns the law of protecting same. This fowl would have been thought just as much of or more, if it had been left in its own country; the sparrow has the same language. They have cost the county hundreds of dollars for bounties on them. It will come to a bounty on the pheasants, as soon as people see there is no other way to stop their thieving and killing game.—C. H. Berry County.

### HOME LIFE: WHAT SHOULD BE OUR IDEAL?

DEAR EDITOR: In taking up its consideration the mind assumes a reminiscent mood and we revisit that sacred spot—our childhood's happy Home—and all of its dear scenes and fond memories are ours again. The Home life of our childhood. How those days and scenes do come back to us and we say, "Backward, turn backward, oh Time in thy flight. Make me a child again just for tonight."

And the teardrop glistens in the eye as in memory we live again those dear scenes. But it is the Home life of our later years that we are now to consider.

Home; one of the dearest words and it should mean all that is best and blessed. Home: where the children form those habits which remain during their entire lives and make or mar their future life. Home: where the family gathers as a unit composed of component parts. Home: where joys are increased and sorrows decreased.

The Ideal Home should possess neither poverty or large wealth but just enough for the supplying of all needs and a supply for charity, this as a result of industry and frugality.

To be the ideal the home life must have activities which produce results along lines of that which is noble in character building, and it has been claimed that the first seven years of a child's life determines the future character and these formative years are passed within the Home, and how essential is it that these years have the influences of the Ideal Home.

The Home should be made attractive to the eye, both within and without. A well kept lawn with shade trees and flowering plants and all in harmony. Within the home conveniences should be generously provided for. Good books and choice flowers and such arrangement of labors as will provide opportunity for the enjoyment of these. Some of the most essentials are patience, kindness and helpfulness and these cannot be omitted if Home life is to be what it ought to be.

You say it is easy to build an attractive theory but to put it into practice, there is the difficulty, and we grant this for we have proved this to be true many time. But please do not forget that we prize most that which has cost us the most effort to obtain and let us strive earnestly to

maintain such a Home as will be a lasting monument when life's labors are past.

Let it ever be remembered that it is the Christian homes of America wherein rests our Nation's safety and let us do our part in helping to maintain such a Home, remembering ever that "Home's not merely four square walls, with pictures hung and gilded. Home is where affection calls, filled with shrines the heart has builded."—J. T. Daniells, Clinton County.

### CROP OUTLOOK BETTER THAN LAST MONTH

WITH seasonable weather in most sections of Michigan during July, the August 1 production forecast for practically all crops was increased over the previous month according to report by Herbert E. Powell, Commissioner of Agriculture and Verne H. Church, Agricultural Statistician for Michigan. With the exception of corn, beans, sugar beets and apples the condition of all crops in the State on August 1 was as high as the ten-year average or above. Oats and barley are excellent throughout the State; and if average weather continues through harvest, these crops will have the largest production since 1918.

Following the disastrous rains in June which destroyed many bean fields and prevented some replanting in the heavy bean section, there was an excessive amount of rainfall in July over much of the same area. The condition is lowest in the heavy producing section and is only 70 per cent for the entire State. This condition of beans forecasts a production of 5,460,000 bushels which is larger than last year.

## Crop Reports

**Hillsdale.**—Have been having some fine hot weather which surely has made corn boom. Harvest pretty well along, this week will see last of the oats out. Second cutting of alfalfa ready to be taken care of. Threshing has started in this vicinity.—C. H., Aug. 6.

**Montcalm.**—Two nice rains which seemed a Godsend to farmers. Crops looking good in this vicinity. Harvest on in full blast. Veal calf prices very good. Second cutting of hay looking good. Quotations from Stanton: Wheat, \$1.30; corn, 60c; oats, 60c; rye, 95c; beans, \$6.00; butter, 50c; eggs, 27c.—Mrs. C. T., Aug. 6.

**Midland.**—Continued rain has damaged all crops. Wheat in some places washed from fields into gulleys. Oats have been down and ground so soft cannot get on with machinery. Some wheat standing in shock. Beans standing in water in many fields. Potatoes taking on white spots. Quotations from Midland: Wheat, \$1.28; oats, 55c; rye, 92c; beans, \$9.00; potatoes, \$1.40; butter, 44c; eggs, 27c.—B. V. C., Aug. 5.

**Saginaw.**—Woe be to farmers when tax time comes. Ground in full of water, some fields you can't see any land. Can't tell how much damage has been done but it will be heavy. Wheat all cut, some in barn and some standing in fields. Oats ready to cut but soft for binders. Quotations from Hemlock: Wheat, \$1.23; corn, \$1.00; oats, 30c; rye, 90c; beans, \$8.50; butter, 44c; eggs, 32c.—F. D., Aug. 6.

**E. Huron.**—Rain, a record for 26 years this date. Mowers and loaders stalled in wet uncut hay. Binders miring in over-ripe grain. Pastures getting rank and dirty for stock. The flat land farmer is looking for berries. Summer fallow is a mire and creeks are running like spring. All crops in danger, some a complete loss. Very few meat cattle. Hogs in thin flesh and less numerous. Fat ewes still slow sale. All prices shifting with lower tendency. Farmers' help scarce.—E. R., Aug. 6.

**Shiawassee (N.W.).**—Crops look best on average they have in some years. Plenty of rain to keep things growing and sometimes to hold up work, but not enough to do much damage. Same cannot be said for a few miles north where they are pretty well drowned out. We have had droughts every summer for last 4 or 5 years which did more harm than our rains this year. Hot and muggy; heavy rains going around every day.—G. L. P., Aug. 9.

**Oakland (N.W.).**—Cut second crop alfalfa yesterday. Going to cut oats today; think they are light and lodged some. Lots of rain makes everything look fine. Quotations from Holly: Wheat, \$1.23; rye, \$1.00; oats, 60c; beans, \$8.00; eggs, 32c; butter, 40c.—J. D. C., Aug. 7.

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THE BUSINESS FARMER has spent a large sum of money and intends to spend considerable more in its efforts to drive the chicken thieves out of rural Michigan. What are you doing to help?

Have you put good locks on the doors of all buildings and either barred or fastened windows?

Have you installed a burglar alarm in your chicken coop?

Have you marked your poultry with an identifying mark which is registered with all the sheriffs and with poultry dealers in Michigan?

Have you joined the Minute Men or organized any other anti-thief association?

We must all work together if we are going to put the rural thief out of business and if you haven't already done the things suggested we urge that you do as many as you can NOW, not "some day!"

We are selling Poultry Markers and burglar alarms at just what they cost us to assist the farmers of Michigan in protecting themselves. Of course, an alarm can be made if you are handy at such work but the making of a Poultry Marker requires the knowledge of an expert. Order your marker today while they can be gotten at this low figure. Use the order blank below.

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Business Farmer Poultry Markers @ \$1.50 each.....

Extra Ink (100 birds, 35c; 250 birds, 65c; 500 birds, \$1).....

Gong-type Burglar Alarms @ \$8.50, each, postpaid.....  
(Batteries not included. Three dry cells needed.)

I am including my check or money order for.....

Name.....

Address.....

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